

DNAxPAb

Hard-to-Find  
Antibody

# DCP1A DNAxPab

Catalog # H00055802-W01P

Size 200 ug

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human DCP1A DNA using DNAx™ Immune technology.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Immunogen               | Full-length human DNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Sequence                | MEALSRAGQEMSLAALKQHDPYITSIADLTGQVALYTFCKANQWEKTDIEGTLFVYRRSASPYHG<br>FTVNRNLNMHNLVEPVNKDLEFQLHEPFLLYRNASLSIYSWFDKNDCHRIAKLMADVVEEETRRS<br>QQAARDKQSPSQANGCSDHRPIDILEMLSRKDEYERNQMGDSNISSPGLQPSTQLSNLGSTETL<br>EEMPSGSQDKSAPSGHKHLTVEELFGTSLPKEQPAVVGLDSEEMERLPGDASQKEPNSFLPFP<br>FEQLGGAPQSETLGVPSAAHHSVQPEITTPVLITPASITQSNEKHAPTYTIPLSPVLSPTLP AEAPTA<br>QVPPSLPRNSTMMQAVKTTPRQRSPLLNQPVPELSHASLIANQSPFRAPLNVNTAGTSLPSVDL<br>LQKLRLTPQHDQIQTPLGKGAMVASFSPAAGQLATPESFIEPPSKTAAARVAASASLSNMVLAP<br>LQSMQQNQDPEVVFQPKVLSSAIPVAGAPLVATTTAVSSVLLAPSVFQQTVTRSSDLERKASS<br>PSPLTIGTPESQRKPSILSKSQLQDTLIHLIKNDSSFLSTLHEVYLQVLTKNKDNHNL |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purification            | Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — DCP1A

Entrez GeneID [55802](#)

GeneBank Accession# [BC007439.2](#)

Protein Accession# [AAH07439.1](#)

Gene Name DCP1A

Gene Alias FLJ21691, HSA275986, Nbla00360, SMAD4IP1, SMIF

Gene Description DCP1 decapping enzyme homolog A (S. cerevisiae)

Omim ID [607010](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Decapping is a key step in general and regulated mRNA decay. The protein encoded by this gene is a decapping enzyme. This protein and another decapping enzyme form a decapping complex, which interacts with the nonsense-mediated decay factor hUpf1 and may be recruited to mRNAs containing premature termination codons. This protein also participates in the TGF-beta signaling pathway. [provided by RefSeq]

**Other Designations** DCP1 decapping enzyme homolog A|Smad4-interacting transcriptional co-activator|decapping enzyme hDcp1a|putative protein product of Nbla00360|transcription factor SMIF

## Pathway

- [RNA degradation](#)

## Disease

- [Amyotrophic lateral sclerosis](#)
- [Genetic Predisposition to Disease](#)