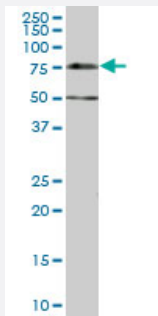


DCP1A monoclonal antibody (M07), clone 2G10

Catalog # H00055802-M07

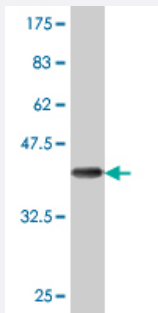
Size 100 ug

Applications



Western Blot (Cell lysate)

DCP1A monoclonal antibody (M07), clone 2G10. Western Blot analysis of DCP1A expression in IMR-32 (Cat # L008V1).



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DCP1A.
Immunogen	DCP1A (NP_060873, 186 a.a. ~ 285 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	STQLSNLGSSTETLEEMPSGSQDKSAPSGHKHLTVEELFGTSLPKEQPAVVGLDSEEMERLPGD ASQKEPNSFLPFPFEQLGGAPQSETLGVP SAAHHSVQ
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (89); Rat (87)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
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 (Cell lysate)

DCP1A monoclonal antibody (M07), clone 2G10. Western Blot analysis of DCP1A expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — DCP1A

Entrez GeneID	55802
GeneBank Accession#	NM_018403
Protein Accession#	NP_060873
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](#)