

DNAxPAb

Hard-to-Find  
Antibody

## ID1 DNAxPab

Catalog # H00003397-W01P

Size 200 ug

### Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ID1 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MKVASGSTATAAAGPSCALKAGKTASGAGEVVRCLSEQSVAISRCAGGAGARLPALLDEQQVN VLLYDMNGCYSRLKELVPTLPQNRKVSKEILQHVITYRDLQLELNSESEVGTGGGRGLPVRAPL STLNGEISALTAEACVPADDRILCR
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 — ID1

Entrez GeneID [3397](#)

GeneBank Accession# [NM\\_002165.2](#)

Protein Accession# [NP\\_002156.2](#)

Gene Name ID1

Gene Alias ID, bHLHb24

Gene Description inhibitor of DNA binding 1, dominant negative helix-loop-helix protein

Omim ID [600349](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a helix-loop-helix (HLH) protein that can form heterodimers with members of the basic HLH family of transcription factors. The encoded protein has no DNA binding activity and therefore can inhibit the DNA binding and transcriptional activation ability of basic HLH proteins with which it interacts. This protein may play a role in cell growth, senescence, and differentiation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** DNA-binding protein inhibitor ID-1|OTTHUMP00000030534|OTTHUMP00000030535|dJ857M17.1.2 (inhibitor of DNA binding 1, dominant negative helix-loop-helix protein)|inhibitor of DNA binding 1|inhibitor of differentiation 1

## Pathway

- [TGF-beta signaling pathway](#)