

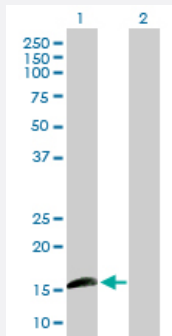
MaxPab®

ID1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003397-B01P

Size 50 ug

Applications

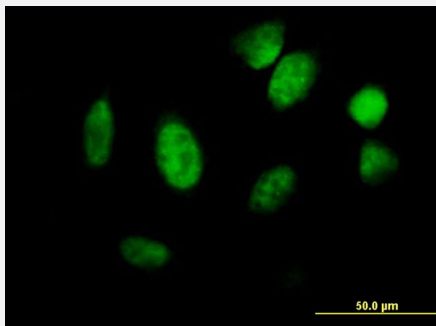


Western Blot (Transfected lysate)

Western Blot analysis of ID1 expression in transfected 293T cell line ([H00003397-T01](#)) by ID1 MaxPab polyclonal antibody.

Lane 1: ID1 transfected lysate(17.05 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ID1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ID1 protein.
Immunogen	ID1 (NP_002156.2, 1 a.a. ~ 155 a.a) full-length human protein.
Sequence	MKVASGSTATAAAGPSCALKAGKTASGAGEVVRCLSEQSVAISRCAGGAGARLPALLDEQQVN VLLYDMNGCYSRLKELVPTLPQNRKVSKEILQHVIDYIRDQLQLELNSESEVGTPGGRGLPVRAPL STLNGEISALTAEAACVPADDRILCR
Host	Mouse
Reactivity	Human

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

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[Protocol Download](#)

- Immunofluorescence

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Gene Info — ID1

Entrez GeneID	3397
GeneBank Accession#	NM_002165
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]
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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](#)