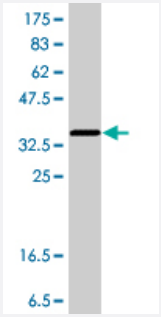
ID2 polyclonal antibody (A01)

Catalog # H00003398-A01 Size 50 uL

Applications



Western Blot detection against Immunogen (40.85 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant ID2.
Immunogen	ID2 (AAH30639, 1 a.a. ~ 134 a.a) full-length recombinant protein with GST tag.
Sequence	MKAFSPVRSVRKNSLSDHSLGISRSKTPVDDPMSLLYNMNDCYSKLKELVPSIPQNKKVSKMEIL QHVIDYILDLQIALDSHPTIVSLHHQRPGQNQASRTPLTTLNTDISILSLQASEFPSELMSNDSKALC G
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (40.85 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — ID2

Entrez GeneID	3398
GeneBank Accession#	BC030639
Protein Accession#	AAH30639
Gene Name	ID2
Gene Alias	GIG8, ID2A, ID2H, MGC26389, bHLHb26
Gene Description	inhibitor of DNA binding 2, dominant negative helix-loop-helix protein
Omim ID	600386
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the inhibitor of DNA binding (ID) family, members of which are transcriptional regulators that contain a helix-loop-helix (HLH) domain but not a basic do main. Members of the ID family inhibit the functions of basic helix-loop-helix transcription factors in a dominant-negative manner by suppressing their heterodimerization partners through the HLH d omains. This protein may play a role in negatively regulating cell differentiation. A pseudogene ha s been identified for this gene. [provided by RefSeq
Other Designations	DNA-binding protein inhibitor ID2|OTTHUMP00000140258|cell growth-inhibiting gene 8|helix-loo p-helix protein ID2|inhibitor of DNA binding 2|inhibitor of differentiation 2

Pathway

- TGF-beta signaling pathway

Disease

- Attention Deficit Disorder with Hyperactivity
- Functional Laterality

- Genetic Predisposition to Disease
- Ovarian Neoplasms