

Rabbit ID2 Polyclonal Antibody | anti-ID2 antibody

ID2 antibody - middle region

CATALOG # AAA201791	HOST Rabbit	REACTIVITY Cow, Human, Mouse, Pig, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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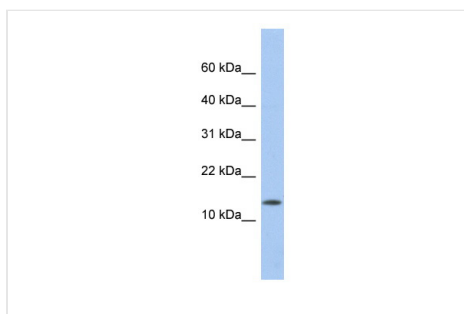
PRODUCT SYNONYMS

ID2; Polyclonal Antibody; ID2 antibody - middle region; anti-ID2 antibody

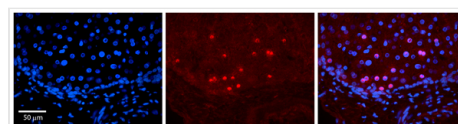
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Human, Mouse, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TIVSLHHQRPQG NQASRTPLTT LNTDISILSL QASEFPSELM SNDSKALC
Sequence Length	134
Applicable Applications for anti-ID2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Human: 100%; Mouse: 100%; Pig: 92%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ID2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

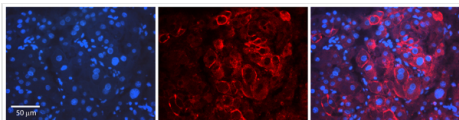


WB (Western Blot)

WB Suggested Anti-ID2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human Thymus


IHC (Immunohistochemistry)

Rabbit Anti-ID2 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Liver
Tissue
Observed Staining: Nucleus in hepatocytes
Primary Antibody Concentration: 1:100
Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec



IHC (Immunohistochemistry)
 Rabbit Anti-ID2 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Liver
 Tissue Observed Staining: Cytoplasm Primary Antibody Concentration: 1:100 Other Working
 Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody
 Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-ID2 antibody	This is a rabbit polyclonal antibody against ID2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ID2 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 domain. 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 domains. This protein may play a role in negatively regulating cell differentiation. 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 domain. 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 domains. This protein may play a role in negatively regulating cell differentiation. A pseudogene has been identified for this gene. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-ID2 antibody	Polyclonal; Drugs and Drug Metabolism; Cell Biology; Neuroscience; Various; DNA/RNA/Protein Interactions; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982933
NCBI GeneID	3398
NCBI Accession #	NP_002157
NCBI GenBank Nucleotide #	NM_002166
UniProt Accession #	Q02363
Molecular Weight	15kDa
NCBI Official Full Name	DNA-binding protein inhibitor ID-2
NCBI Official Synonym Full Names	inhibitor of DNA binding 2
NCBI Official Symbol	ID2
NCBI Official Synonym Symbols	GIG8; ID2A; ID2H; bHLHb26
NCBI Protein Information	DNA-binding protein inhibitor ID-2
UniProt Protein Name	DNA-binding protein inhibitor ID-2
UniProt Gene Name	ID2
UniProt Synonym Gene Names	BHLHB26; bHLHb26
UniProt Entry Name	ID2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

