

Rabbit anti-Human DNA-binding protein inhibitor ID-2 Polyclonal Antibody | anti-ID2 antibody

Rabbit anti-human DNA-binding protein inhibitor ID-2 polyclonal Antibody

CATALOG # AAA229999	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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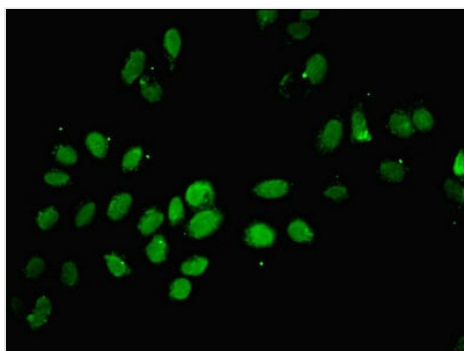
PRODUCT SYNONYMS

DNA-binding protein inhibitor ID-2; Polyclonal Antibody; Rabbit anti-human DNA-binding protein inhibitor ID-2 polyclonal Antibody; Class B basic helix-loop-helix protein 26; bHLHb26; ID2; BHLHB26; anti-ID2 antibody

PRODUCT SPECIFICATIONS

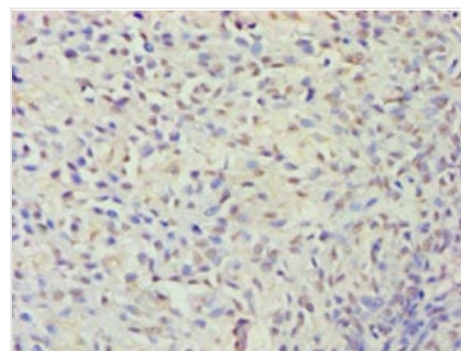
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	134
Applicable Applications for anti-ID2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human DNA-binding protein inhibitor ID-2 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-26328 / sc-489
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



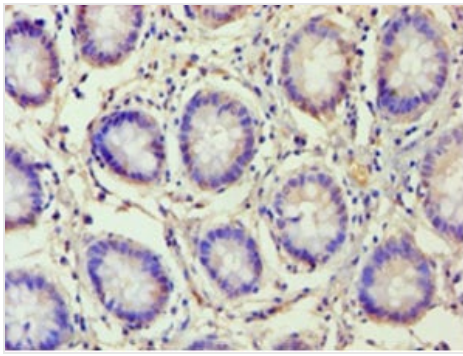
IHC (Immunohistochemistry)

Immunofluorescent analysis of HepG2 cells using AAA229999 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA229999 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human rectal cancer using AAA229999 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-ID2 antibody	D (inhibitor of DNA binding) HLH proteins lack a basic DNA-binding domain but are able to form heterodimers with other HLH proteins, thereby inhibiting DNA binding. ID-2 may be an inhibitor of tissue-specific gene expression. This protein 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.
Product Categories/Family for anti-ID2 antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982933
NCBI GeneID	3398
NCBI Accession #	NP_002157.2
NCBI GenBank Nucleotide #	NM_002166.4
UniProt Accession #	Q02363
Molecular Weight	14,917 Da
NCBI Official Full Name	DNA-binding protein inhibitor ID-2
NCBI Official Synonym Full Names	inhibitor of DNA binding 2, dominant negative helix-loop-helix protein
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.

