

ID1 recombinant antibody

ID1 Antibody

CATALOG # AAA243873	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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PRODUCT SYNONYMS

ID1; Monoclonal Recombinant Antibody; ID1 Antibody; DNA-binding protein inhibitor ID-1 (Class B basic helix-loop-helix protein 24) (bHLHb24) (Inhibitor of DNA binding 1) (Inhibitor of differentiation 1); BHLHB24 ID; ID1 recombinant antibody

PRODUCT SPECIFICATIONS

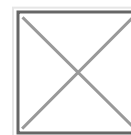
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	2C7
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for ID1 recombinant antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Antibody Type	Recombinant Antibody
Conjugation	Non-conjugated
Immunogen	A synthesized peptide derived from human Id1
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa Cells at 1:250, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% TritonX-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG ?H+L?.



WB (Western Blot)

Western BlotPositive WB detected in: 293T whole cell lysate, HeLa whole cell lysate, HepG2 whole cell lysate 293 whole cell lysate, A549 whole cell lysate, U-251 whole cell lysate, Mouse Brain whole cell lysateAll lanes: Id1 antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 17, 16 kDaObserved band size: 26 kDa

ADDITIONAL INFORMATION

Related Product Information for ID1 recombinant antibody

Transcriptional regulator (lacking a basic DNA binding domain) which negatively regulates the basic helix-loop-helix (bHLH) transcription factors by forming heterodimers and inhibiting their DNA binding and transcriptional activity. Implicated in regulating a variety of cellular processes, including cellular growth, senescence, differentiation, apoptosis, angiogenesis, and neoplastic transformation. Inhibits skeletal muscle and cardiac myocyte differentiation. Regulates the circadian clock by repressing the transcriptional activator activity of the CLOCK-ARNTL/BMAL1 heterodimer (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	341865544
NCBI GeneID	3397
NCBI Accession #	NP_002156.2
NCBI GenBank Nucleotide #	NM_002165
UniProt Accession #	P41134; O00651; O00652; Q16371; Q16377; Q5TE66; Q5TE67; Q969Z7; Q9H0Z5; Q9H109; A8K537; E1P5L4
Molecular Weight	15,586 Da
NCBI Official Full Name	Homo sapiens inhibitor of DNA binding 1, dominant negative helix-loop-helix protein (ID1), transcript variant 1, mRNA
NCBI Official Synonym Full Names	inhibitor of DNA binding 1, dominant negative helix-loop-helix protein
NCBI Official Symbol	ID1
NCBI Official Synonym Symbols	ID; bHLHb24
NCBI Protein Information	DNA-binding protein inhibitor ID-1; class B basic helix-loop-helix protein 24; dJ857M17.1.2 (inhibitor of DNA binding 1, dominant negative helix-loop-helix protein); inhibitor of differentiation 1
UniProt Protein Name	DNA-binding protein inhibitor ID-1
UniProt Gene Name	ID1
UniProt Synonym Gene Names	BHLHB24; ID; bHLHb24
UniProt Entry Name	ID1_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/id1-recombinant-antibody-clone-2c7-immunofluorescence-western-blot-elisa/243873>