

Rabbit anti-Human, Mouse IDE Polyclonal Antibody | anti-IDE antibody

IDE Antibody

CATALOG # AAA167494	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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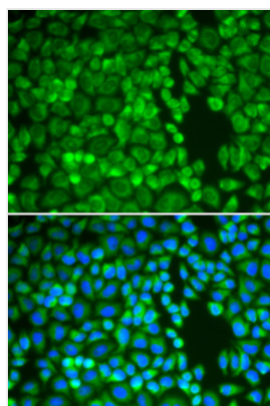
PRODUCT SYNONYMS

IDE; Polyclonal Antibody; IDE Antibody; FLJ35968; INSULYSIN; anti-IDE antibody

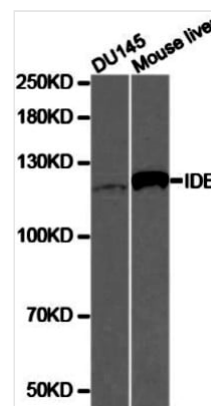
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.4
Sequence Length	464
Applicable Applications for anti-IDE antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human IDE
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-27266 / sc-130784
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunofluorescence analysis of A549 cells with IDE Polyclonal Antibody


WB (Western Blot)

Western blot analysis of extracts of various cell lines with IDE Polyclonal Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-IDE antibody	This gene encodes a zinc metallopeptidase that degrades intracellular insulin, and thereby terminates insulins activity, as well as participating in intercellular peptide signalling by degrading diverse peptides such as glucagon, amylin, bradykinin, and kallidin. The preferential affinity of this enzyme for insulin results in insulin-mediated inhibition of the degradation of other peptides such as beta-amyloid. Deficiencies in this protein's function are associated with Alzheimer's disease and type 2 diabetes mellitus but mutations in this gene have not been shown to be causative for these diseases. This protein localizes primarily to the cytoplasm but in some cell types localizes to the extracellular space, cell membrane, peroxisome, and mitochondrion. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional transcript variants have been described but have not been experimentally verified. [provided by RefSeq, Sep 2009]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	260099676
NCBI GeneID	3416
NCBI Accession #	NP_001159418.1
NCBI GenBank Nucleotide #	NM_001165946.1
Molecular Weight	Calculated MW 54kDa/117kDa Observed MW 118kDa
NCBI Official Full Name	insulin-degrading enzyme isoform 2
NCBI Official Synonym Full Names	insulin-degrading enzyme
NCBI Official Symbol	IDE
NCBI Official Synonym Symbols	INSULYSIN
NCBI Protein Information	insulin-degrading enzyme; Abeta-degrading protease; insulin protease; insulinase
UniProt Protein Name	Insulin-degrading enzyme
UniProt Gene Name	IDE
UniProt Synonym Gene Names	Insulinase
UniProt Entry Name	IDE_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://www.aaabiotech.com/polyclonal/ide-antibody-immunofluorescence-western-blot-elisa/167494>