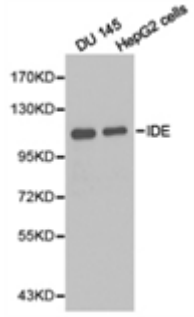
E91630

IDE Polyclonal Antibody

Catalog Number: E91630
Amount: 100ul
Background: 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 causitive 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]
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: FLJ35968; INSULYSIN;
Immunogen: Recombinant proteinof human IDE
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 118kDa
Swiss-Prot No. : P14735
Gene ID: 3416

WB 1:500 - 1:2000
IHC 1:50- 1:200



Western blot analysis of extracts of variouscell lines, using IDE antibody.

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