

## INSULIN DEGRADING ENZYME RABBIT PAB

**Cat.#:** N225766

**Product Name:** Anti-Insulin Degrading Enzyme Rabbit pAb

**Synonyms:** INSULYSIN; Insulin degrading enzyme; IDE

**UNIPROT ID:** P14735

**Background:** This gene encodes a zinc metallopeptidase that degrades intracellular insulin, and thereby terminates insulin's 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.

**Immunogen:** A synthesized peptide derived from human IDE

**Applications:** WB, IHC-P

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Clone ID:** -

**MW:** Calculated MW: 118 kDa; Observed MW: 118 kDa

**Isotype:** IgG

**Purification:** Affinity Chromatography

**Species Reactivity:** Human, Mouse, Rat

**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Neuroscience

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of IDE in HepG2 lysates using Insulin Degrading Enzyme antibody.