

IDE (9K15) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01156

Product information

产品货号	HZ-YMA01156
别名	IDE;Insulin-degrading enzyme;Abeta-degrading protease;Insulin protease;Insulinase;Insulysin
产品名称	IDE (9K15) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	IDE
推荐应用	WB,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	3416
Human Swissprot No.	P14735
稀释度	WB 1:500-1:2000, IF 1:200-1:1000, ELISA 1:5000-1:20000
参考分子量	118kDa
预测分子量	118kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	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 an 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
细胞定位	Cytoplasm, cytosol . Cell membrane . Secreted . Present at the cell surface of neuron cells. The membrane-associated isoform is approximately 5 kDa larger than the known cytosolic isoform.
Clonality	Monoclonal