For research purposes only, not for human use

Product Data Sheet

Anti-IDE Antibody

Catalog #	Source	Reactivity	Applications
CQA2015	Rabbit	H, M, R	WB, IF/IC

Description	Rabbit polyclonal antibody to IDE
Immunogen	Recombinant full length protein of human IDE
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of IDE protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IF/IC (1/50 - 1/200)
Gene Symbol	IDE
Alternative Names	Insulin-degrading enzyme; Abeta-degrading protease; Insulin protease; Insulinase; Insulysin
Entrez Gene	3416 (Human); 25700 (Rat)
SwissProt	P14735 (Human); Q9JHR7 (Mouse); P35559 (Rat)
Storage/Stability	Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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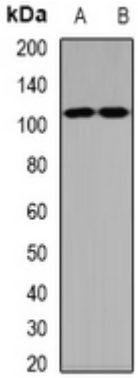
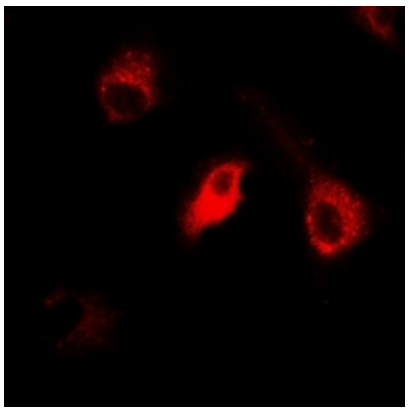


Western blot analysis of IDE expression in mouse liver (A), mouse heart (B) whole cell lysates. (Predicted band size: 54; 117 kD; Observed band size: 118 kD)



Immunofluorescent analysis of IDE staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 ° C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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