[KO Validated] Insulin-degrading enzyme (IDE) Antibody

CAB1630

Description

This [KO Validated] Insulin-degrading enzyme (IDE) Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB1630
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	INSULYSIN, E)
Clone:	-
Applications:	WB IHC-P IF/ICC ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse

Antibody Data

Gene ID:	3416
Uniprot:	AB_2861723
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	118kDa
Calculated MW:	118kDa

Preparation & Storage

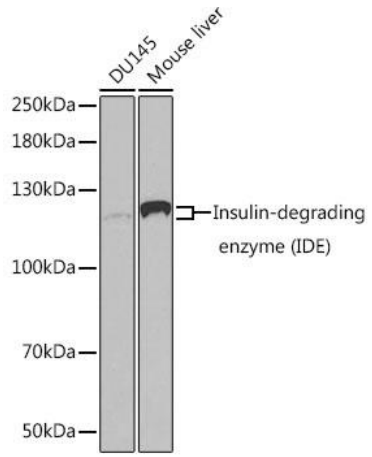
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3. Store Bradford Reagent at Room Temperature for 1 Year.
Positive Sample:	DU 145, Mouse liver

Recommended Dilutions:

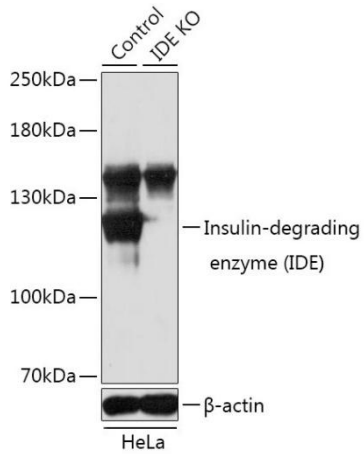
WB	1:500 - 1:5000
IF/ICC	1:10 - 1:100
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

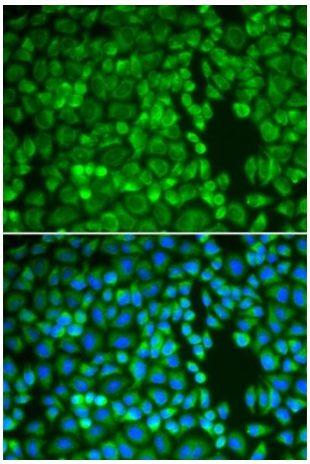
Validation Data



Western blot analysis of various lysates using [KO Validated] Insulin-degrading enzyme (IDE) Rabbit pAb (CAB1630) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020).



Western blot analysis of lysates from wild type (WT) and Insulin-degrading enzyme (Insulin-degrading enzyme (IDE)) knockout (KO) HeLa cells, using [KO Validated] Insulin-degrading enzyme (IDE) Rabbit pAb (CAB1630) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Immunofluorescence analysis of cells using [KO Validated] Insulin-degrading enzyme (IDE) Rabbit pAb (CAB1630). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.