

## Insulin degrading enzyme Rabbit mAb

Catalog No: #49312

Package Size: #49312-1 50ul #49312-2 100ul

Orders: order@signalwayantibody.com

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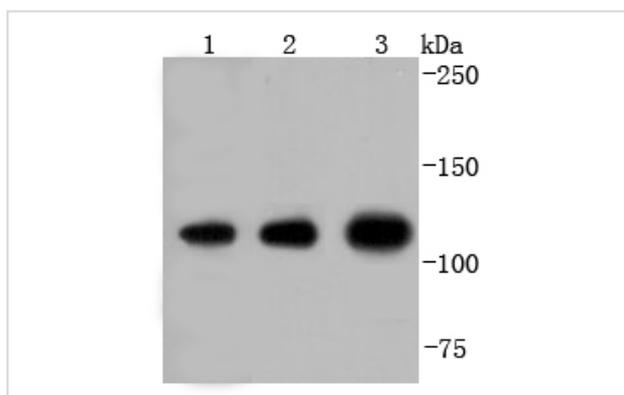
## Description

Product Name	Insulin degrading enzyme Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JJ0949
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt, zebrafish
Immunogen Description	recombinant protein
Other Names	Abeta-degrading protease antibody FLJ35968 antibody Ide antibody IDE_HUMAN antibody Insulin protease antibody Insulin-degrading enzyme antibody Insulinase antibody Insulysin antibody OTTHUMP00000020097 antibody
Accession No.	Swiss-Prot#:P14735
Uniprot	P14735
GeneID	3416;
Calculated MW	118 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

## Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200

## Images

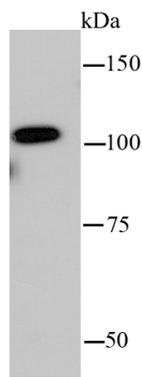


Western blot analysis of Insulin degrading enzyme on different lysates using anti-Insulin degrading enzyme antibody at 1/1,000 dilution. Positive control:

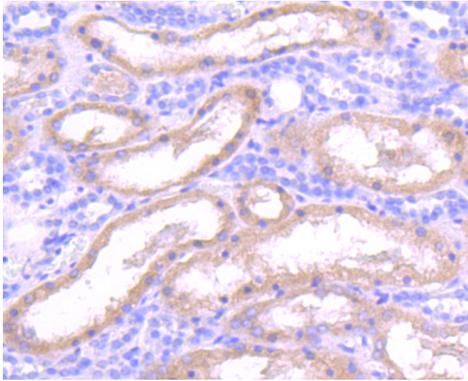
Lane 1: zebrafish

Lane 2: Hela

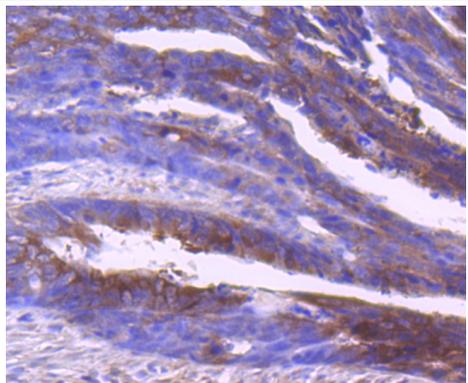
Lane 3: K562



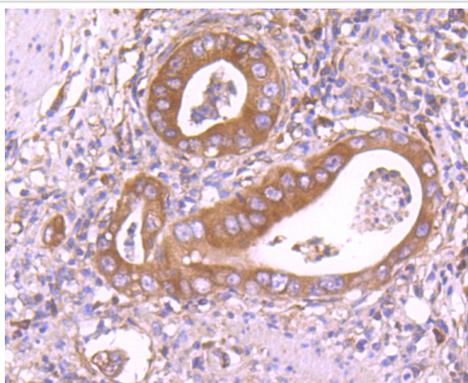
Western blot analysis of Insulin degrading enzyme on hybrid fish (crucian-carp) heart tissue lysate using anti-Insulin degrading enzyme antibody at 1/500 dilution.



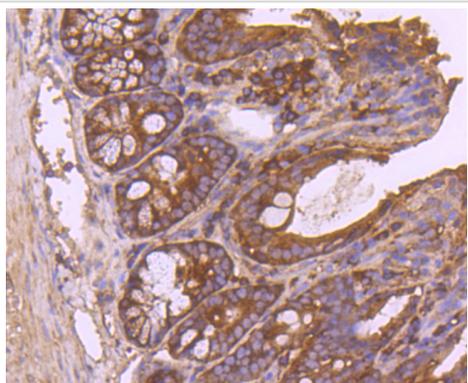
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-Insulin degrading enzyme antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-Insulin degrading enzyme antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human gastric carcinoma tissue using anti-Insulin degrading enzyme antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-Insulin degrading enzyme antibody. Counter stained with hematoxylin.

## Background

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Insulin degrading enzyme (IDE), also known as insulinase, insulin protease or insulysin, cleaves the peptide hormone insulin with consequences for insulin response and resistance. IDE is a highly conserved thiol metalloprotease with ubiquitous expression including the brain. Since its discovery, IDE has been shown to degrade a variety of bioactive peptides. Recently the finding that IDE clears intracellular and extracellular amyloid products has spurred research into the link between IDE function and human neurodegenerative disease such as Alzheimers.

## References

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Note: This product is for in vitro research use only