

Datasheet for ABIN5539736  
**anti-IDE antibody (Internal Region) (Biotin)**



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1 Image

## Overview

Quantity:	100 µg
Target:	IDE
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IDE antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	Insulysin / Insulinase, Biotinylated
Sequence:	CQQYNFDRDN TE.
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_004960.2, NP_001159418.1, NP_001309722.1, NP_001309723.1, NP_001309724.1, NP_001309726.1). Reported variants represent identical protein: NP_001309725.1, NP_001309724.1
Cross-Reactivity:	Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	IDE
Alternative Name:	IDE ( <a href="#">IDE Products</a> )
Background:	IDE, insulin degrading enzyme, INSULYSIN, Abeta-degrading protease, insulin protease, insulinase
Gene ID:	3416
NCBI Accession:	<a href="#">NP_004960</a> , <a href="#">NP_001159418</a> , <a href="#">NP_001309722</a> , <a href="#">NP_001309723</a> , <a href="#">NP_001309724</a> , <a href="#">NP_001309726</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

Application Notes:	Western Blot: Approx 120 kDa band observed in lysates of cell line K562 (calculated MW of 118 kDa according to NP_004960.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** Biotinylated ABIN5539736 (0.3µg/ml) staining of K562 lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.