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Datasheet for ABIN6748492
anti-PCSK1 antibody (AA 683-732)

2 Images

Overview

Quantity:	100 µL
Target:	PCSK1
Binding Specificity:	AA 683-732
Reactivity:	Human, Guinea Pig, Horse, Cow, Dog, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCSK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa683-732 of human PCSK1 (P29120, NP_000430). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Panda, Dog, Bovine, Horse, Guinea pig (100%), Rat, Rabbit, Pig, Chicken (92%), Galago, Elephant, Bat (85%). Type of Immunogen: Synthetic peptide
Specificity:	Human PCSK1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Dog, Bovine, Horse (100%) Rabbit, Pig (92%).
Purification:	Immunoaffinity purified

Target Details

Target:	PCSK1
Alternative Name:	PCSK1 / PC1 (PCSK1 Products)
Background:	Name/Gene ID: PCSK1 Subfamily: Serine S8 Family: Protease Synonyms: PCSK1, Pc1/3, PC1, Prohormone convertase 3, SPC3, Neuroendocrine convertase 1, PC3, Prohormone convertase 1, BMIQ12, NEC 1, NEC1, Proprotein convertase 1
Gene ID:	5122
NCBI Accession:	NP_000430
UniProt:	P29120
Pathways:	Peptide Hormone Metabolism

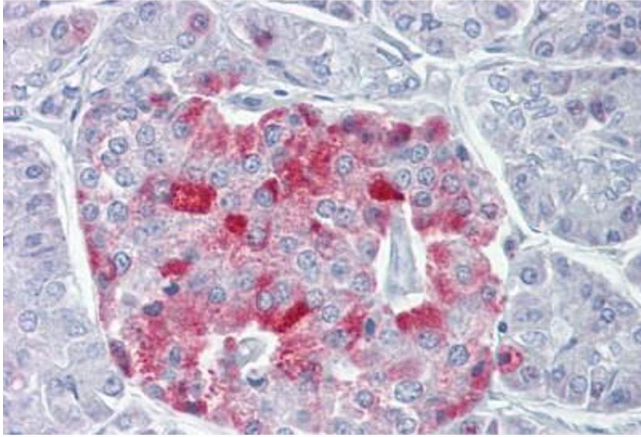
Application Details

Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

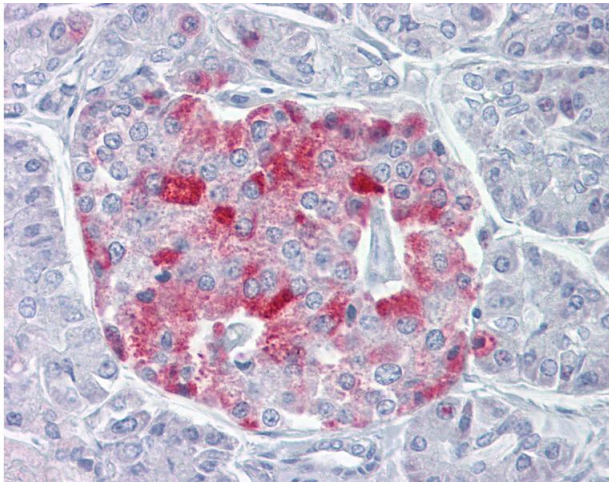
Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)

Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.



Immunohistochemistry

Image 1. Anti-PCSK1 antibody IHC staining of human pancreas. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN959007 concentration 5 ug/ml.



Immunohistochemistry

Image 2. Anti-PCSK1 antibody IHC of human pancreas. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other f ...