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Datasheet for ABIN6746608
anti-PCSK2 antibody (AA 351-400)

1 Image

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Overview

Quantity:	100 µL
Target:	PCSK2
Binding Specificity:	AA 351-400
Reactivity:	Human, Mouse, Rat, Monkey, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio), Bat, Chicken, Pig, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCSK2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa351-400 of human PCSK2 (Q5REC2, NP_002585). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Turkey, Chicken, Platypus, Lizard, Xenopus, Frog, Salmon, Stickleback, Medaka, Zebrafish (100%). Type of Immunogen: Synthetic peptide
Specificity:	Human PCSK2
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Dog, Bovine, Rabbit, Horse, Guinea pig, Chicken, Xenopus, Zebrafish (100%) Pig (92%).

Product Details

Purification: Immunoaffinity purified

Target Details

Target: PCSK2

Alternative Name: PCSK2 ([PCSK2 Products](#))

Background: Name/Gene ID: PCSK2

Subfamily: Serine S8

Family: Protease

Synonyms: PCSK2, Proprotein convertase 2, SPC2, NEC 2, NEC-2, Neuroendocrine convertase 2, PC2, KEX2-like endoprotease 2, NEC2, Prohormone convertase 2

Gene ID: 5126

NCBI Accession: [NP_002585](#)

UniProt: [P16519](#)

Pathways: [Peptide Hormone Metabolism](#), [cAMP Metabolic Process](#), [Maintenance of Protein Location](#), [Negative Regulation of Transporter Activity](#)

Application Details

Application Notes: Approved: 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

Handling Advice: Avoid repeat 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.

Publications

Product cited in: Tominaga, Morisaki, Kaneko, Fujimoto, Tanaka, Ohtsubo, Hirai, Okayama, Ikeda, Nakanishi: "Role of human Cds1 (Chk2) kinase in DNA damage checkpoint and its regulation by p53." in: **The Journal of biological chemistry**, Vol. 274, Issue 44, pp. 31463-7, (1999) ([PubMed](#)).

Images

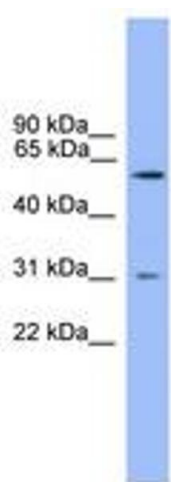


Image 1.