

Rabbit PCSK6 Polyclonal Antibody | anti-PCSK6 antibody

PCSK6 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200753	Rabbit	Tested: Human Predicted: Cow, Dog, Guinea Pig, Horse, Mouse, Rabbit, Rat, Zebrafish	Western Blot

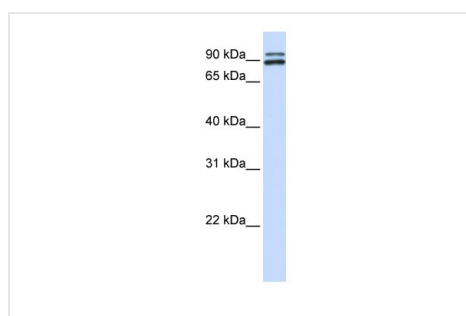
PRODUCT SYNONYMS

PCSK6; Polyclonal Antibody; PCSK6 antibody - N-terminal region; anti-PCSK6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human Predicted: Cow, Dog, Guinea Pig, Horse, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide located within the following region: NY DSYASYDVNG NDYDPSPRYD ASNENKHGTR CAGEVAASAN NSYCVIGI
Sequence Length	975
Applicable Applications for anti-PCSK6 antibody	WB (Western Blot)
Homology	Predicted: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PCSK6
Protein Interactions	env; UBC; CACNA1A; RCN3; FLG; PMCH; PCSK6;
Protein Size (# AA)	975 amino acids
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-PCSK6 Antibody Titration: 0.2-1 µg/ml ELISA Titer: 1:312500 Positive

Control: Human brain Human Brain

ADDITIONAL INFORMATION

Related Product Information for anti-PCSK6 antibody	PCSK6 is a calcium-dependent serine endoprotease that can cleave precursor protein at their paired basic amino acid processing sites. This gene is thought to play a role in tumor progression. The protein encoded by this gene belongs to the subtilisin-like proprotein convertase family. The members of this family are proprotein convertases that process latent precursor proteins into their biologically active products. This encoded protein is a calcium-dependent serine endoprotease that can cleave precursor protein at their paired basic amino acid processing sites. Some of its substrates are - transforming growth factor beta related proteins, proalbumin, and von Willebrand factor. This gene is thought to play a role in tumor progression. Alternatively spliced transcript variants encoding different isoforms have been identified.
Product Categories/Family for anti-PCSK6 antibody	Polyclonal; Drugs and Drug Metabolism; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	20336182
NCBI GeneID	5046
NCBI Accession #	NP_612193
NCBI GenBank Nucleotide #	NM_138320
UniProt Accession #	Q63415; P29122
Molecular Weight	91kDa
NCBI Official Synonym Full Names	proprotein convertase subtilisin/kexin type 6
NCBI Official Symbol	PCSK6
NCBI Official Synonym Symbols	SPC4; PACE4
NCBI Protein Information	proprotein convertase subtilisin/kexin type 6
UniProt Protein Name	Proprotein convertase subtilisin/kexin type 6
UniProt Gene Name	Pcsk6
UniProt Synonym Gene Names	Pace4; SPC4
UniProt Entry Name	PCSK6_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.