Rabbit PCSK5 Polyclonal Antibody | anti-PCSK5 antibody

PCSK5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319683	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, ELISA, Western Blot**

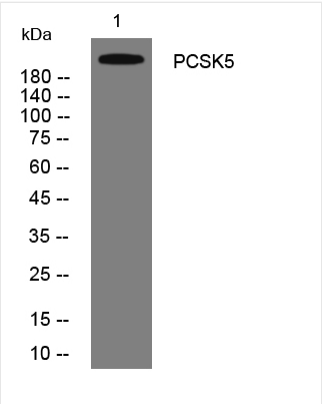
PRODUCT SYNONYMS

PCSK5; Polyclonal Antibody; PCSK5 Antibody; anti-PCSK5 antibody

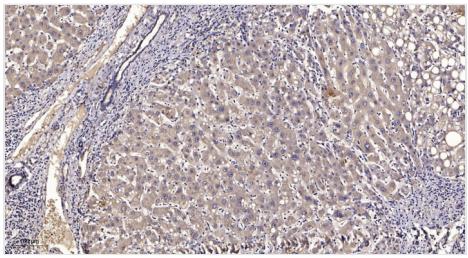
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This antibody detects endogenous levels of PCSK5 at Human/Mouse/Rat
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PCSK5 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Synthesized peptide derived from human PCSK5 AA range: 1507-1557
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)
Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4 degree over night



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ADDITIONAL INFORMATION

Related Product Information for anti-PCSK5 antibody	This gene encodes a member of the subtilisin-like proprotein convertase family, which includes proteases that process protein and peptide precursors trafficking through regulated or constitutive branches of the secretory pathway. The encoded protein undergoes an initial autocatalytic processing event in the ER to generate a heterodimer which exits the ER. It then sorts to the trans-Golgi network where a second autocatalytic event takes place and the catalytic activity is acquired. This encoded protein is widely expressed and one of the seven basic amino acid-specific members which cleave their substrates at single or paired basic residues. It mediates posttranslational endoproteolytic processing for several integrin alpha subunits and is thought to process prorenin, pro-membrane type-1 matrix metalloproteinase and HIV-1 glycoprotein gp160. Alternative splicing results in multiple transcript variants, some of which encode distinct isoforms, including a protease packaged into dense core granules (PC5A) and a type 1 membrane bound protease (PC5B). [provided by RefSeq, May 2014]
Product Categories/Family for anti-PCSK5 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	299523015
NCBI GeneID	5125
NCBI Accession #	NP_001177411.1
NCBI GenBank Nucleotide #	NM_001190482.1
UniProt Accession #	Q92824; Q13527; Q96EP4; F5H2G7
Molecular Weight	101,649 Da
NCBI Official Full Name	proprotein convertase subtilisin/kexin type 5 isoform PC6B preproprotein
NCBI Official Synonym Full Names	proprotein convertase subtilisin/kexin type 5
NCBI Official Symbol	PCSK5
NCBI Official Synonym Symbols	PC5; PC6; PC6A; SPC6
NCBI Protein Information	proprotein convertase subtilisin/kexin type 5
UniProt Protein Name	Proprotein convertase subtilisin/kexin type 5
UniProt Gene Name	**PCSK5**
UniProt Synonym Gene Names	PC5; PC6; PC5; PC6; hPC6

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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/pcsk5-antibody-immunohistochemistry-western-blot-elisa/319683