

Rabbit anti-Human PACE4/PCSK6 Polyclonal Antibody | anti-PCSK6 antibody

PACE4/PCSK6 Rabbit anti-Human Polyclonal (Cytoplasmic Domain) Antibody

CATALOG # AAA162464	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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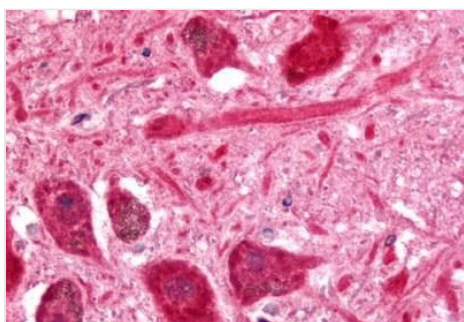
PRODUCT SYNONYMS

PACE4/PCSK6; Polyclonal Antibody; PACE4/PCSK6 Rabbit anti-Human Polyclonal (Cytoplasmic Domain) Antibody; PathPlus PACE4/PCSK6 Antibody (Cytoplasmic Domain); PCSK6; PACE4; SPC4; anti-PCSK6 antibody

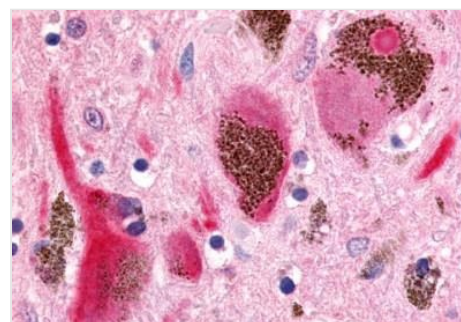
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	1st cytoplasmic domain of human
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PCSK6 antibody	IHC (Immunohistochemistry), ELISA
Target	Human PACE4/PCSK6
Immunogen	Synthetic peptide-KLH conjugated
Conjugation	Unconjugated
Epitope	Cytoplasmic Domain
Family	Protease
Subfamily	Serine S8
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
PACE4/PCSK6 Antibody-Brain, Substantia Nigra



IHC (Immunohistochemistry)
PACE4/PCSK6 Antibody-Brain, Parkinson's neurons and Lewy Body

ADDITIONAL INFORMATION

Related Product Information for anti-PCSK6 antibody	PCSK6 antibody is an unconjugated rabbit polyclonal antibody to PCSK6 (PACE4)(Cytoplasmic Domain) from human. Validated for ELISA and IHC. Proprotein convertase subtilisin/kexin type 6 (PCSK6) is 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 and sorts to the trans-Golgi network where a second autocatalytic event takes place and the catalytic activity is acquired. PCSK6 is constitutively secreted into the extracellular matrix and expressed in many tissues, including neuroendocrine tissue, the liver, gut, and brain.
References	The UniProt Consortium. Nucleic Acids Res. 47: D506-515 (2019); Nucleic Acids Res. 2016 Jan 4;44(D1):D733-45, PMID:26553804

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505577
NCBI GeneID	5046
NCBI Accession #	NP_002561.1
NCBI GenBank Nucleotide #	NM_002570
UniProt Accession #	P29122; Q15099; Q15100; Q9UEG7; Q9UEJ1; Q9UEJ2; Q9UEJ7; Q9UEJ8; Q9UEJ9; Q9Y4G9; Q9Y4H0; Q9Y4H1
Molecular Weight	105,375 Da
NCBI Official Full Name	proprotein convertase subtilisin/kexin type 6 isoform PACE4-AI preproprotein
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; subtilisin/kexin-like protease PACE4; subtilisin-like proprotein convertase 4; paired basic amino acid cleaving enzyme 4; paired basic amino acid cleaving system 4
UniProt Protein Name	Proprotein convertase subtilisin/kexin type 6
UniProt Gene Name	PCSK6
UniProt Synonym Gene Names	PACE4; SPC4
UniProt Entry Name	PCSK6_HUMAN

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/pace4-pcsk6-antibody-immunohistochemistry-elisa/162464>