

Rabbit PACE4 / PCSK6 Polyclonal Antibody | anti-PACE4 antibody

Rabbit Polyclonal to Human PACE4 / PCSK6

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50918	Rabbit	Bovine, Gorilla, Horse, Human, Monkey, Rabbit, Rat Predicted Reactivity: Gibbon, Mouse, Dog, Pig (at least 90% immunogen sequence identity)	ELISA, Immunohistochemistry

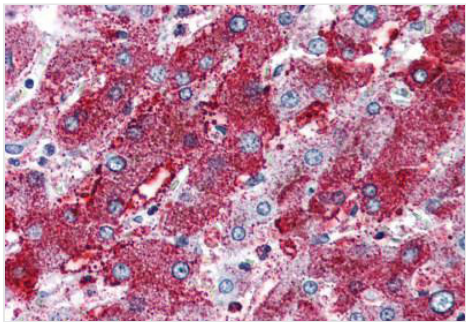
PRODUCT SYNONYMS

PACE4 / PCSK6; Polyclonal Antibody; Rabbit Polyclonal to Human PACE4 / PCSK6; Anti-PACE4 / PCSK6 Antibody (Internal) IHC-plus; PCSK6; PACE4; SPC4; Human PACE4; anti-PACE4 antibody

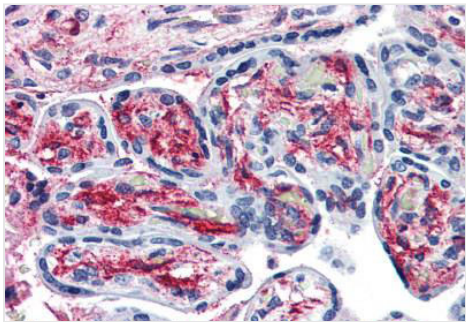
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bovine, Gorilla, Horse, Human, Monkey, Rabbit, Rat Predicted Reactivity: Gibbon, Mouse, Dog, Pig (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human PACE4. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	969
Applicable Applications for anti-PACE4 antibody	ELISA, IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 14 amino acid peptide from Cys-rich motif (CRM) region of human PACE4. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey, Marmoset, Rat, Bovine, Elephant, Horse, Rabbit (100%); Gibbon, Mouse, Dog, Panda.
Immunogen Type	Synthetic peptide
Immunogen	PACE4 / PCSK6 antibody was raised against synthetic 14 amino acid peptide from Cys-rich motif (CRM) region of human PACE4. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey, Marmoset, Rat, Bovine, Elephant, Horse, Rabbit (100%); Gibbon, Mouse, Dog, Panda, Pig (93%); Turkey, Chicken (86%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-PACE4 antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-PACE4 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-PACE4 antibody	PACE4 is a Serine S8 type protease that cleaves precursor proteins at paired basic amino acid processing sites. Several PACE4 substrates have been identified, including transforming growth factor beta-related proteins, proalbumin and von Willebrand factor. At least eight alternatively spliced transcript variants encoding different isoforms have been reported. In mouse, PACE4 has been shown to increase tumor cell invasiveness, and thus enhance tumor progression.
Product Categories/Family for anti-PACE4 antibody	Family: Protease ; Subfamily: Serine S8

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505577
NCBI GeneID	5046
NCBI Accession #	NP_002561.1
NCBI GenBank Nucleotide #	NM_002570.4
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.