

Datasheet for ABIN213558
anti-PCSK6 antibody (Internal Region)



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2 Images

Overview

Quantity:	50 µg
Target:	PCSK6
Binding Specificity:	Internal Region
Reactivity:	Human, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCSK6 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 17 amino acid peptide from internal region of human PACE4. Percent identity with other species by BLAST analysis: Human, Gorilla, Rabbit (100%), Gibbon, Monkey (94%), Marmoset, Mouse, Rat, Bovine, Dog, Elephant, Panda, Horse, Pig, Opossum (88%). Type of Immunogen: Synthetic peptide
Specificity:	Human PACE4. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Gorilla, Rabbit (100%) Gibbon, Monkey (94%) Marmoset, Mouse, Rat, Bovine, Dog, Elephant, Panda, Horse, Pig, Opossum

Product Details

(88%).

Purification: Immunoaffinity purified

Target Details

Target: PCSK6

Alternative Name: PACE4 / PCSK6 ([PCSK6 Products](#))

Background: Name/Gene ID: PCSK6

Subfamily: Serine S8

Family: Protease

Synonyms: PCSK6, PACE4, SPC4

Gene ID: 5046

Pathways: [Neurotrophin Signaling Pathway](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Approved: ELISA, IHC, IHC-P (20 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 20 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

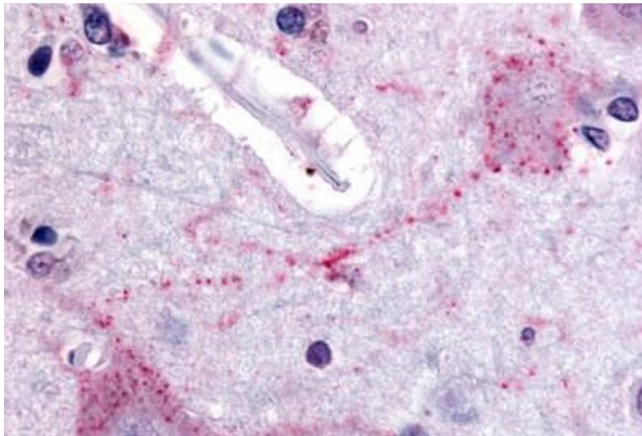
Concentration: Lot specific

Buffer: PBS, less than 0.1 % sodium azide.

Handling

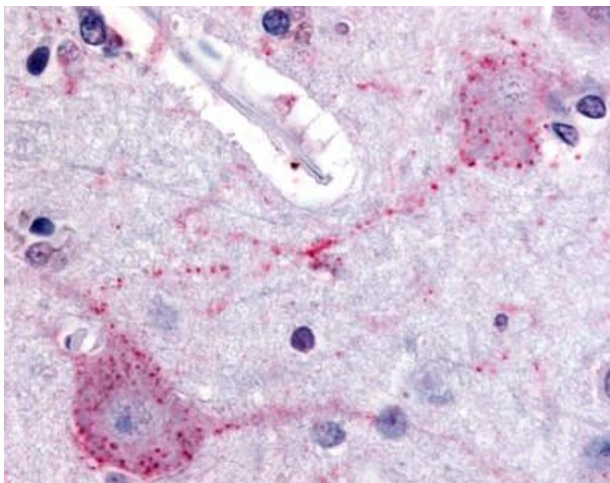
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Cortex (formalin-fixed, paraffin-embedded) stained with PCSK6 antibody ABIN213558 at 20 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-PACE4 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.