

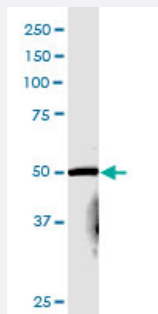
MaxPab®

PCSK4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00054760-B01P

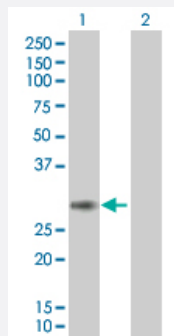
Size 50 ug

Applications



Western Blot (Tissue lysate)

PCSK4 MaxPab polyclonal antibody. Western Blot analysis of PCSK4 expression in rat brain.



Western Blot (Transfected lysate)

Western Blot analysis of PCSK4 expression in transfected 293T cell line ([H00054760-T01](#)) by PCSK4 MaxPab polyclonal antibody.

Lane 1: PCSK4 transfected lysate(26.73 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PCSK4 protein.
Immunogen	PCSK4 (AAH36354, 1 a.a. ~ 242 a.a) full-length human protein.
Sequence	MGTRSTLVAIRPLDVSTEGYNNWVFMSTHFWDENPQGVWTLGLENKGYFNTGTLRYTLLLYGT AEDMTARPTGPQVTSSACVQRDTEGLCQACDGPAYILGQLCLAYCPRFFNHTRLVTAGPGHTA APALRVCSSCHASCYTCRGGSPRDCTSCPPSSTLDQQQGSCMGPTTPDSRPRLRAAACPDDR CPASAMVLSLLAVTLGGPVLCGMSMDLPLYAWLSRARATPTKPQVWLPAGT
Host	Mouse
Reactivity	Human, Rat

Interspecies Antigen Sequence	Mouse (65); Rat (84)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Western Blot analysis of PCSK4 expression in transfected 293T cell line ([H00054760-T01](#)) by PCSK4 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — PCSK4

Entrez GeneID	54760
GeneBank Accession#	BC036354
Protein Accession#	AAH36354
Gene Name	PCSK4
Gene Alias	DKFZp434B217, MGC34749, PC4, SPC5
Gene Description	proprotein convertase subtilisin/kexin type 4
Omim ID	600487
Gene Ontology	Hyperlink

Gene Summary

Proprotein convertases, including PCSK4, are calcium-dependent serine proteases related to bacterial subtilisins and to yeast kexin. These enzymes process precursor proteins to their active forms by selective cleavage of the polypeptide at sites following paired basic amino acids. In mammals, this family comprises PC1 (MIM 162150), PC2 (MIM 162151), PC4, PC5 (MIM 600488), furin (FUR; MIM 136950), and PACE4 (MIM 167405). Substrates for these enzymes range from prohormones to precursors for growth factors to cell surface receptors and viral surface glycoproteins (Cao et al., 2001 [PubMed 11776387]).[supplied by OMIM]

Other Designations

OTTHUMP00000158677

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)