

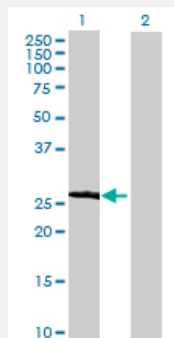
MaxPab®

PCSK4 MaxPab mouse polyclonal antibody (B02P)

Catalog # H00054760-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PCSK4 expression in transfected 293T cell line ([H00054760-T02](#)) by PCSK4 MaxPab polyclonal antibody.

Lane 1: PCSK4 transfected lysate(26.62 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	MGTRSTLVAIRPLDVSTEGYNNWVFMSTHFWDENPQGVWTLGLENKGYYFNTGTLRYTLLLYGT AEDMTARPTGPQVTSSACVQRDTEGLCQACDGPAYILGQLCLAYCPPRFFNHTRLVTAGPGHTA APALRVCSSCHASCYTCRGGSPRDCTSCPPSSTLDDQQGSCMGPTTPDSRPRLRAAACPHHR CPASAMVLSLLAVTLGGPVLCGMSMDLPLYAWLSRARATPTKPQVWLPAGT
Host	Mouse
Reactivity	Human
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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[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](#)