

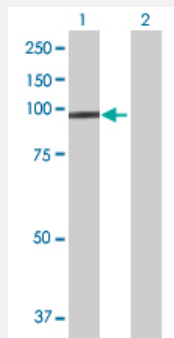
MaxPab®

PCDH21 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00092211-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PCDH21 expression in transfected 293T cell line ([H00092211-T01](#)) by PCDH21 MaxPab polyclonal antibody.

Lane 1: PCDH21 transfected lysate(81.95 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PCDH21 protein.

Immunogen

PCDH21 (AAH38799.1, 1 a.a. ~ 745 a.a) full-length human protein.

Sequence

MRRCRWAALALGLLRLCLAQANFAPHFFDNGVGSTNGNMALFSLPEDTPVGSHVYTLNGTDPE
GDPISYHISFDPSTRSVFSVDPTFGNITLVEELDREREDIEAIIISDGLNLVAEKVVILVTDANDEA
PRFIQEPYVALVPEDIPAGSIIFKVHAVDRDTGSGGSVTYFLQNLHSPFAVDRHSGVLRQLQAGATL
DYERSRTHYITVAKDGGGRLHGADVVSATTTVTNVEDVQDMPVFGTPYYGWYEDTLPGS
EVLKVVAMDGDRGKPNRILYSLVNGNDGAFEINETSGAISITQSPAQLQREVYELHVQVTEMSPAG
SPAAQATVPVTIRVDLNNHPPTFYGESGPQNRFELSMNEHPPQGEILRGLKITVNDSDQGANA
NLQLVGPRGIFRVVPQTVLNEAQVTIIVENSAIDFEKSKVLTFKLLAVEVNTPEKFSSTADVVIQLL
DTNDNVPKFDLSLYVARIPENAPGGSSVVAVTAVDPDTGPWGEVKYSTYGTGADFLIHPSTGLIY
TQPWASLDAEATARYNFYVKAEDMEGKYSVAEVFITLLDVNDHPPQFGKSVQKKTMTVLGTPVKIE
AIDEDAEPPNNLVDYSITHAEPANVFDINSHTGEWLKNSIRSLDALHNITPGRDCLWSLEVQAKDR
GSPSFSTTALLKIDITDAEVRRLRYMKNSNFPGTTKSVRKPKFKPKKPHSSQGLFLHPHCEIALFNL
SNVNLYSRVFQGAAQAS

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (88); Rat (87)
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 — PCDH21

Entrez GeneID	92211
GeneBank Accession#	BC038799.1
Protein Accession#	AAH38799.1
Gene Name	PCDH21
Gene Alias	DKFZp434A132, KIAA1775, PRCAD
Gene Description	protocadherin 21
Omim ID	609502
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the cadherin superfamily of calcium-dependent cell-cell adhesion molecules. The encoded protein has a signal peptide, six cadherin repeat domains and a unique cytoplasmic region. This non-classical cadherin appears to be exclusively expressed in the mitral and tufted cells in the main and accessory olfactory bulbs of the brain, suggesting a possible role in the formation and maintenance of neuronal networks. [provided by RefSeq]
Other Designations	MT-protocadherin OTTHUMP00000019993

Disease

- [Alzheimer Disease](#)
- [Blindness](#)
- [Genetic Predisposition to Disease](#)
- [Retinal Degeneration](#)
- [Retinitis Pigmentosa](#)
- [Usher Syndromes](#)