

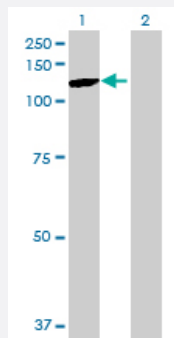
MaxPab®

PCDHGA10 MaxPab mouse polyclonal antibody (B01)

Catalog # H00056106-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PCDHGA10 expression in transfected 293T cell line ([H00056106-T01](#)) by PCDHGA10 MaxPab polyclonal antibody.

Lane1:PCDHGA10 transfected lysate(93.5 KDa).

Lane2:Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PCDHGA10 protein.
Immunogen	PCDHGA10 (NP_114479.1, 1 a.a. ~ 850 a.a) full-length human protein.
Sequence	MAAQRNRSKESKDCSGLVLLCLFFGIPWEAGARQISYSIPEELEKGSFVGNISKDLGLAPRELAER GVRIVSRGRTQLFSLNPRSGSLITAGRIDREELCAQSARCVVSFNLVEDRVKLFGEIEVTDINDNA PKFQAENLDVKINENVAAGMRFLPEAIDPDVGVNSLQSYQLSPNKHFSLRVQSRANGVKYPELV LEHSLDREEEAIHHLVLTASDGGDPLRSGTVLVSVTVFDANDNAPVFTLPEYRVSVPENLPVGTQ LLTVTATDRDEGANGEVTYSFRKLPTQLLKQFNKYTGEEKISENLDEETGFYEIEQAEDGGAYL ATAKVLITVEDVNDNSPELTITSLFSPVTEDSPLGTVVALLNVHDLQSENGQVTCILAYLPFKLE KSIDSYRLVIHRALDREQVSSYNITVTATDGGSPPLSTEAHFMLQVADINDNPPTFSQVSYFTYPE NNARGASIFSVTALDPDSKENAQIIYSLAEDTIQGVPLSSYISINSDTGVLYALRSFDYEQFHELMQ VTASDSGDPLSSNVSLSLFVLDQNDNAPEILYPALPTDGGTGVELAPRSAEPGYLVTKVAVDR DSGQNAWLSYRLLKASEPGLFAVGEHTGEVRTARALLDRDALKQSLVVAVQDHGQPPLSATVTL TVAVADSIPQVLADLGSFESPANSETDLTLVAVAAVSCVFLAFVIVLLAHLRLRRWHKSRLQ ASGGGLTGVSGSHFVGVDGVRAFLQTSHEVSLTADSRKSHLFPQPNYADTLISQESCEKNDPL SLLDDSKFPIEDTPLVPVSFIFTFVKKKKIGFYFEVCGMMVESVNAKTLMSRI
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (85); Rat (84)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of PCDHGA10 expression in transfected 293T cell line ([H00056106-T01](#)) by PCDHGA10 MaxPab polyclonal antibody.

Lane1:PCDHGA10 transfected lysate(93.5 KDa).

Lane2:Non-transfected lysate.

[Protocol Download](#)

Gene Info — PCDHGA10

Entrez GeneID	56106
GeneBank Accession#	NM_032090.1
Protein Accession#	NP_114479.1
Gene Name	PCDHGA10
Gene Alias	PCDH-GAMMA-A10
Gene Description	protocadherin gamma subfamily A, 10
Omim ID	606297
Gene Ontology	Hyperlink

Gene Summary

This gene is a member of the protocadherin gamma gene cluster, one of three related clusters tandemly linked on chromosome five. These gene clusters have an immunoglobulin-like organization, suggesting that a novel mechanism may be involved in their regulation and expression. The gamma gene cluster includes 22 genes divided into 3 subfamilies. Subfamily A contains 12 genes, subfamily B contains 7 genes and 2 pseudogenes, and the more distantly related subfamily C contains 3 genes. The tandem array of 22 large, variable region exons are followed by a constant region, containing 3 exons shared by all genes in the cluster. Each variable region exon encodes the extracellular region, which includes 6 cadherin ectodomains and a transmembrane region. The constant region exons encode the common cytoplasmic region. These neural cadherin-like cell adhesion proteins most likely play a critical role in the establishment and function of specific cell-cell connections in the brain. Alternative splicing has been described for the gamma cluster genes. [provided by RefSeq]

Other Designations

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