

Rabbit PCDHA12 Polyclonal Antibody | anti-PCDHA12 antibody

PCDHA12 Polyclonal Antibody

CATALOG # AAA280467	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
-------------------------------	-----------------------	--	-------------------------------------

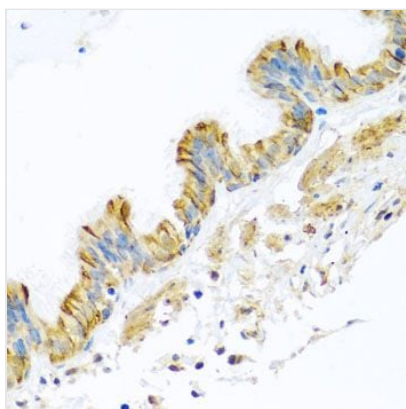
PRODUCT SYNONYMS

PCDHA12; Polyclonal Antibody; PCDHA12 Polyclonal Antibody; anti-PCDHA12 antibody

PRODUCT SPECIFICATIONS

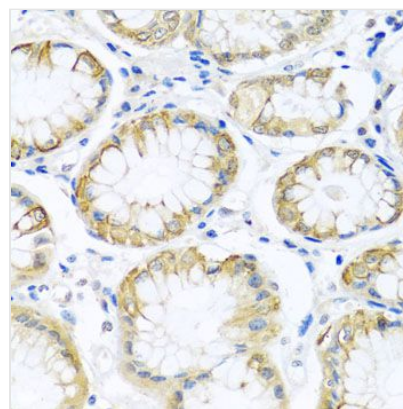
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	792
Applicable Applications for anti-PCDHA12 antibody	WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PCDHA12
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



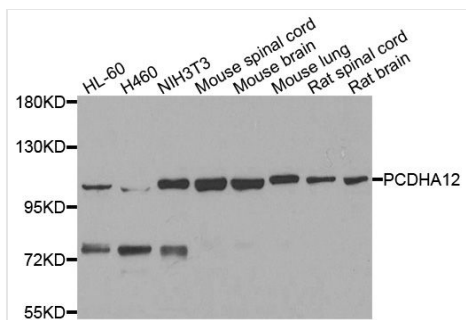
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human trachea using PCDHA12 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using PCDHA12 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PCDHA12 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-PCDHA12 antibody

This gene is a member of the protocadherin alpha gene cluster, one of three related gene clusters tandemly linked on chromosome five that demonstrate an unusual genomic organization similar to that of B-cell and T-cell receptor gene clusters. The alpha gene cluster is composed of 15 cadherin superfamily genes related to the mouse CNR genes and consists of 13 highly similar and 2 more distantly related coding sequences. The tandem array of 15 N-terminal exons, or variable exons, are followed by downstream C-terminal exons, or constant exons, which are shared by all genes in the cluster. The large, uninterrupted N-terminal exons each encode six cadherin ectodomains while the C-terminal exons encode the cytoplasmic domain. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins that most likely play a critical role in the establishment and function of specific cell-cell connections in the brain. Alternative splicing has been observed and additional variants have been suggested but their full-length nature has yet to be determined.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9256578
NCBI GeneID	56137
NCBI Accession #	NP_061726.1
NCBI GenBank Nucleotide #	NM_018903.3
UniProt Accession #	Q9UN75; O75278; Q2M1N8
Molecular Weight	102kDa
NCBI Official Full Name	protocadherin alpha-12 isoform 1
NCBI Official Synonym Full Names	protocadherin alpha 12
NCBI Official Symbol	PCDHA12
NCBI Official Synonym Symbols	PCDH-ALPHA12
NCBI Protein Information	protocadherin alpha-12
UniProt Protein Name	Protocadherin alpha-12
UniProt Gene Name	PCDHA12
UniProt Synonym Gene Names	PCDH-alpha-12
UniProt Entry Name	PCDAC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

