10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PCDH11X Rabbit pAb

PCDH11X Rabbit pAb
Catalog # AP54378

Product Information

Application	WB
Primary Accession	Q9BZA7
Reactivity	Human, Mouse
Predicted	Rat, Pig, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	147558
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PCDH11X
Epitope Specificity	601-700/1347
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane; Single-pass type I membrane protein.
DISEASE	Note=A chromosomal aberration involving PCDH11Y is a cause of multiple congenital abnormalities, including severe bilateral vesicoureteral reflux (VUR) with ureterovesical junction defects. Translocation t(Y;3)(p11;p12) with ROBO2.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The encoded protein consists of an extracellular domain containing 7 cadherin repeats, a transmembrane domain and a cytoplasmic tail that differs from those of the classical cadherins. The gene is located in a major X/Y block of homology and its Y homolog, despite divergence leading to coding region changes, is the most closely related cadherin family member. The protein is thought to play a fundamental role in cell-cell recognition essential for the segmental development and function of the central nervous system. Transcripts arising from alternative splicing encode isoforms with variable cytoplasmic domains. [provided by RefSeq, Jul 2008].

Additional Information

Gene ID	27328
Other Names	Protocadherin-11 X-linked, Protocadherin-11, Protocadherin on the X chromosome, PCDH-X, Protocadherin-S, PCDH11X, KIAA1326, PCDH11, PCDHX
Dilution	WB=1:500-2000

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

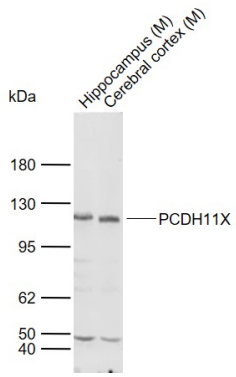
Protein Information

Name	PCDH11X
Synonyms	KIAA1326, PCDH11, PCDHX
Function	Potential calcium-dependent cell-adhesion protein.
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed strongly in fetal brain and brain (cortex, amygdala, thalamus, substantia nigra, hippocampus, caudate nucleus and corpus callosum). Expressed at low level in testis

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images



Sample:
Lane 1: Mouse Hippocampus tissue lysates
Lane 2: Mouse Cerebral cortex tissue lysates
Primary: Anti-PCDH11X (AP54378) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 145 kDa
Observed band size: 110 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.