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PCDH10 Polyclonal Antibody

Catalog Number **PA5-31043**

Product data sheet

Details

Size	100 µL
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 290 of Human PCDH10
Conjugate	Unconjugated
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.01% thimerosal
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Species Reactivity

Species reactivity	Human, Mouse
Published species	Mouse

Tested Applications	Dilution *
Western Blot (WB)	1:500-1:3,000

Published Applications

Flow Cytometry (Flow)	See 1 publications below

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

Recommended positive controls: mouse brain. Predicted reactivity: Mouse (98%), Chicken (87%), Bovine (97%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The mRNA encodes a cadherin-related neuronal receptor thought to play a role in the establishment and function of specific cell-cell connections in the brain. This family member contains 6 extracellular cadherin domains, a transmembrane domain and a cytoplasmic tail differing from those of the classical cadherins. Alternatively spliced transcripts encode isoforms with unique cytoplasmic domains.

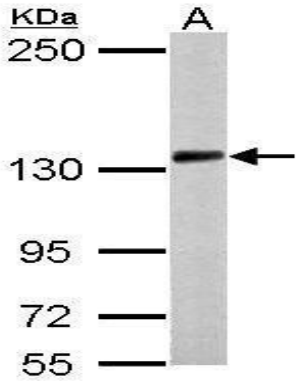
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Product Images For PCDH10 Polyclonal Antibody



PCDH10 Antibody (PA5-31043) in WB

Western Blot using PCDH10 Polyclonal Antibody (Product # PA5-31043). Sample (50 µg of whole cell lysate). Lane A: mouse brain . 5% SDS PAGE. PCDH10 Polyclonal Antibody (Product # PA5-31043) diluted at 1:1,000.

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PubMed References For PCDH10 Polyclonal Antibody

1 Flow Cytometry References

Species / Dilution	Summary
	PA5-31043 was used in Flow Cytometry to contribute to scrutinizing the complex molecular mechanisms of tumor initiation and progression upon PCDH10 silencing in many human cancers.
Mouse / Not Cited	BMC cancer (2022; 22:) **"Innovative mouse models for the tumor suppressor activity of Protocadherin-10 isoforms."** Author(s):Kleinberger I,Sanders E,Staes K,Van Troys M,Hirano S,Hochepied T,Lemeire K,Martens L,Ampe C,van Roy F PubMed Article URL:http://dx.doi.org/10.1186/s12885-022-09381-y

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