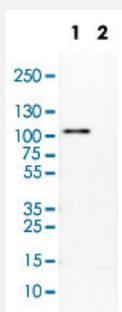


PCDH18 polyclonal antibody

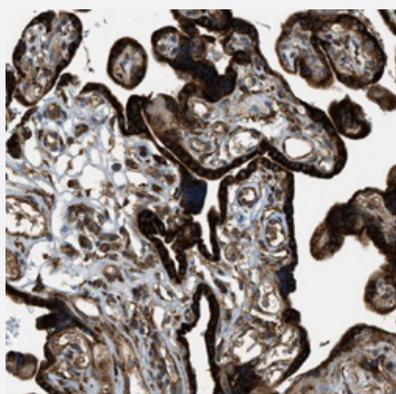
Catalog # PAB31595 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western Blot (Tissue lysate) analysis of (1) mouse liver, (2) rat liver.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human PCDH18.
Immunogen	Recombinant protein corresponding to human PCDH18.
Sequence	IHKGDITLVPTINGTLPIRSHHRSSPSSSPTLERGQMGSRQSHNSHQSLNSLVTISSNHVPENFSLE LTHATPAVEQVSQLLSMLHQGQYQPRPSFRGNKYSRSYR
Host	Rabbit
Reactivity	Human, Mouse

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-200) Western Blot (1:100-250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western Blot (Tissue lysate) analysis of (1) mouse liver, (2) rat liver.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.

Gene Info — PCDH18

Entrez GeneID	54510
Protein Accession#	Q9HCL0
Gene Name	PCDH18
Gene Alias	DKFZp434B0923, KIAA1562, PCDH68L
Gene Description	protocadherin 18
Omim ID	608287
Gene Ontology	Hyperlink

Gene Summary

This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. This gene encodes a protein which contains 6 extracellular cadherin domains, a transmembrane domain and a cytoplasmic tail differing from those of the classical cadherins. Although its specific function is undetermined, the cadherin-related neuronal receptor is thought to play a role in the establishment and function of specific cell-cell connections in the brain. [provided by RefSeq]

Other Designations

protocadherin 68-like protein

Publication Reference

- [Protocadherin-18 is a novel differentiation marker and an inhibitory signaling receptor for CD8+ effector memory T cells.](#)

Vazquez-Cintron EJ, Monu NR, Burns JC, Blum R, Chen G, Lopez P, Ma J, Radoja S, Frey AB.

PLoS One 2012 May; 7(5):e36101.

Application: Flow Cyt, WB-Tr, Mouse, MCA38 cells