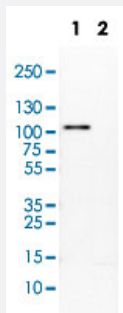


# PCDH18 polyclonal antibody

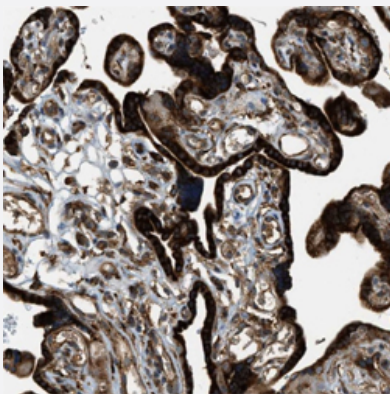
Catalog # PAB31595      Size 100 uL

## 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.

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

## Gene Info — PCDH18

Entrez GeneID	<a href="#">54510</a>
Protein Accession#	<a href="#">Q9HCL0</a>
Gene Name	PCDH18
Gene Alias	DKFZp434B0923, KIAA1562, PCDH68L
Gene Description	protocadherin 18
Omim ID	<a href="#">608287</a>
Gene Ontology	<a href="#">Hyperlink</a>

**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