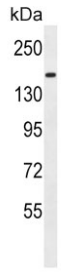
Protocadherin 9 Antibody / PCDH9 (F54666)

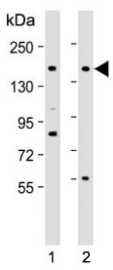
Catalog No.	Formulation	Size
F54666-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54666-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

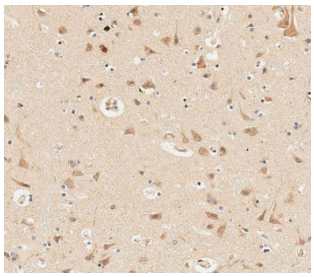
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9HC56
Applications	Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
Limitations	This Protocadherin 9 antibody is available for research use only.



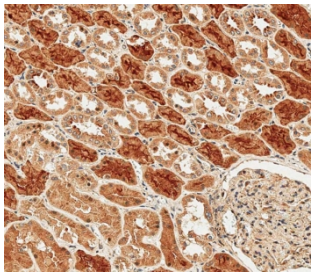
Western blot testing of human MDA-MB-435 cell lysate with Protocadherin 9 antibody. Expected molecular weight: 136-180 kDa.



Western blot testing of human 1) HEK293 and 2) U-87 MG cell lysate with Protocadherin 9 antibody. Expected molecular weight: 136-180 kDa.



IHC testing of FFPE human brain tissue with Protocadherin 9 antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.



IHC testing of FFPE human kidney tissue with Protocadherin 9 antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.

Description

This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The mRNA encodes a cadherin-related neuronal receptor that localizes to synaptic junctions and is putatively involved in specific neuronal connections and signal transduction. Sharing a characteristic with other protocadherin genes, this gene has a notably large exon that encodes six cadherin domains and a transmembrane region. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Protocadherin 9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1018-1046 from the human protein was used as the immunogen for the Protocadherin 9 antibody.

Storage

Aliquot the Protocadherin 9 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.