

ORMDL1 Polyclonal Antibody

Catalog NumberPA5-21146

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	A 16 amino acid peptide of human ORMDL1.	Immunohistochemistry (IHC)	5 µg/mL
Conjugate	Unconjugated	Western Blot (WB)	1-2 µg/mL
Form	Liquid	* 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.	
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	4° C		

Product specific information

A suggested positive control is SK-N-SH cell lysate. PA5-21146 can be used with blocking peptide PEP-1260.

Background/Target Information

The ORMDL (ORM1-like) family of proteins consist of ORMDL1, ORMDL2 and ORMDL3 that may play roles in -gamma-secretase complex maturation. Localized to the membrane of the endoplasmic reticulum, ORMDLs are widely expressed and are implicated in the expression of Presenilin (PSI) which is involved in Alzheimer's disease (AD). Expression of ORMDL1 is down-regulated in PSI mutations, suggesting a possible role as a therapeutic target for AD. ORMDLs have recently been identified as a potential risk factor for childhood asthma.

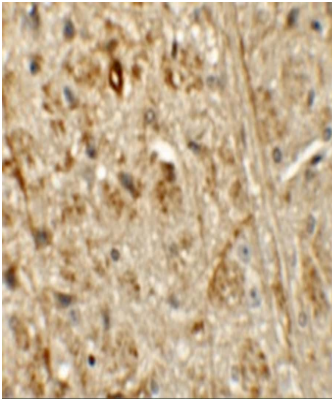
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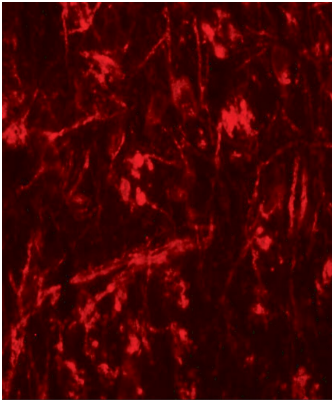
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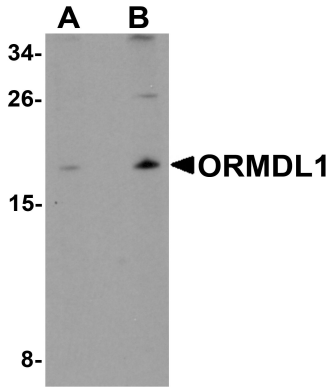
Product Images For ORMDL1 Polyclonal Antibody



ORMDL1 Antibody (PA5-21146) in IHC
Immunohistochemistry of ORMDL1 in mouse brain tissue with ORMDL1 Polyclonal Antibody (Product # PA5-21146) at 5 µg/mL.



ORMDL1 Antibody (PA5-21146) in IHC
Immunofluorescence of ORMDL1 in mouse brain tissue with ORMDL1 Polyclonal Antibody (Product # PA5-21146) at 20 µg/mL.



ORMDL1 Antibody (PA5-21146) in WB
Western Blot analysis of ORMDL1 in SK-N-SH Cell lysate with ORMDL1 Polyclonal Antibody (Product # PA5-21146) at (A) 1 µg/mL and (B) 2 µg/mL.

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