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Datasheet for ABIN6991534  
**anti-ORMDL1 antibody (AA 50-100)**

## Overview

Quantity:	0.1 mg
Target:	ORMDL1
Binding Specificity:	AA 50-100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ORMDL1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	ORMDL1 antibody was raised against a 16 amino acid synthetic peptide of human ORMDL1. The immunogen is located within amino acids 50 - 100 of ORMDL1.
Isotype:	IgG
Specificity:	ORMDL1 antibody may cross-react with other ORMDL protein family members.
Purification:	ORMDL1 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	ORMDL1
Alternative Name:	ORMDL1 ( <a href="#">ORMDL1 Products</a> )

## Target Details

Background:	ORMDL1 Antibody: 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.
Gene ID:	94101
NCBI Accession:	<a href="#">NP_057551</a>
UniProt:	<a href="#">Q9P0S3</a>

## Application Details

Application Notes:	ORMDL1 antibody can be used for detection of ORMDL1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.  Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	ORMDL1 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	ORMDL1 antibody can be stored at 4 °C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.