

For Research Use Only

# CADM3 Polyclonal antibody

Catalog Number: 15660-1-AP



## Basic Information

<b>Catalog Number:</b> 15660-1-AP	<b>GenBank Accession Number:</b> BC033819	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 700 µg/ml	<b>GeneID (NCBI):</b> 57863	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8N126	
<b>Isotype:</b> IgG	<b>Full Name:</b> cell adhesion molecule 3	
<b>Immunogen Catalog Number:</b> AG8081	<b>Calculated MW:</b> 43 kDa	
	<b>Observed MW:</b> 38-50 kDa	

## Applications

**Tested Applications:**  
FC, WB, ELISA

**Species Specificity:**  
human, mouse, rat

**Positive Controls:**

WB : mouse brain tissue, Jurkat cells, SH-SY5Y cells,  
mouse cerebellum tissue, rat brain tissue

## Background Information

CADM3, also known as IGSF4B or TSL1, is a transmembrane protein that is involved in the cell-cell adhesion. CADM3 is mainly expressed in the nervous system and plays a role in the formation of synapses, axon bundles, myelinated axons and cerebellar morphogenesis (PMID: 18420026).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

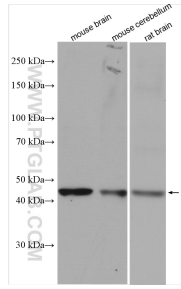
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

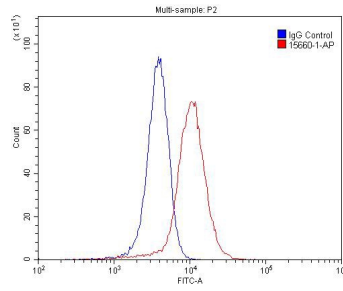
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15660-1-AP (CADM3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  SH-SY5Y cells were stained with 0.2ug CADM3 antibody (15660-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.