

For Research Use Only

# OPCML Polyclonal antibody

Catalog Number: 17962-1-AP



## Basic Information

<b>Catalog Number:</b> 17962-1-AP	<b>GenBank Accession Number:</b> BC074773	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 350 µg/ml	<b>GeneID (NCBI):</b> 4978	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q14982	
<b>Isotype:</b> IgG	<b>Full Name:</b> opioid binding protein/cell adhesion molecule-like	
<b>Immunogen Catalog Number:</b> AG12560	<b>Calculated MW:</b> 345 aa, 38 kDa	
	<b>Observed MW:</b> 45 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse pancreas tissue, rat pancreas tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

OPCML, also called opioid-binding cell adhesion molecule (OBCAM), belongs to the IgLON limbic system-associated membrane protein (LSAMP, OPCML/OBCAM, neurotrimin) family of IgG domain containing glycosylphosphatidylinositol-anchored cell adhesion molecules. Originally isolated from brain, OPCML is also expressed in stomach, ovary, heart, placenta, testis, kidney, liver, pancreas and colon. OPCML has been identified as a tumour suppressor, which inhibited tumor growth in some cancers including ovarian cancer, lung cancer and prostate cancer (PMID: 19176311; 28407749).

## 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:

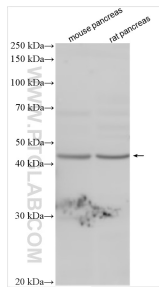
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17962-1-AP (OPCML antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.