

OPCML Polyclonal antibody

Catalog Number: 17962-1-AP

Basic Information

Catalog Number:

17962-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12560

GenBank Accession Number:

BC074773

GeneID (NCBI):

4978

UNIPROT ID:

Q14982

Full Name:

opioid binding protein/cell adhesion molecule-like

Calculated MW:

345 aa, 38 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse pancreas tissue, rat pancreas tissue

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:

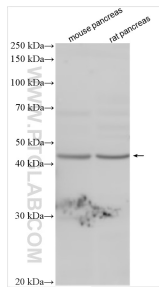
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.