

For Research Use Only

OPCML Recombinant monoclonal antibody

Catalog Number:87815-1-RR



Basic Information

| | | |
|--|---|--|
| Catalog Number: 87815-1-RR | GenBank Accession Number: NM_001012393.5 | Purification Method: Protein A purification |
| Source: Rabbit | GeneID (NCBI): 4978 | CloneNo.: 252030F1 |
| Isotype: IgG | UNIPROT ID: Q14982-2 | Recommended Dilutions: WB: 1:2000-1:10000 IF-P: 1:200-1:800 |
| Immunogen Catalog Number: EG6020 | Full Name: opioid binding protein/cell adhesion molecule-like | |
| | Calculated MW: 37 kDa | |
| | Observed MW: 40 kDa, 60 kDa | |

Applications

| | |
|--|---|
| Tested Applications: WB, IF-P, ELISA | Positive Controls: |
| Species Specificity: human, mouse, rat | WB: fetal human brain tissue, rat brain tissue IF-P: mouse brain 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 the brain, OPCML is also expressed in the 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, pH7.3
Aliquoting is unnecessary for -20°C storage

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

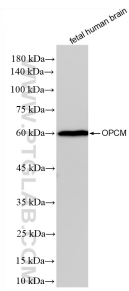
T: 4006900926

E: Proteintech-CN@ptglab.com

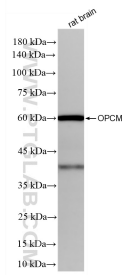
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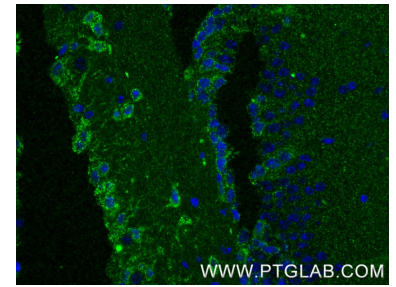
Selected Validation Data



fetal human brain tissue were subjected to SDS PAGE followed by western blot with 87815-1-RR (OPCML antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



rat brain tissue were subjected to SDS PAGE followed by western blot with 87815-1-RR (OPCML antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using OPCML antibody (87815-1-RR, Clone: 252030F1) at dilution of 1:400 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).