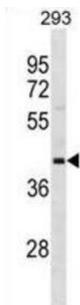


## Opioid Binding Protein/cell Adhesion Molecule Like (OPCML) Antibody

Catalogue No.: abx031120



This gene encodes a member of the IgLON subfamily in the immunoglobulin protein superfamily. The encoded protein is localized in the plasma membrane and may have an accessory role in opioid receptor function. This gene has an ortholog in rat and bovine. The opioid binding-cell adhesion molecule encoded by the rat gene binds opioid alkaloids in the presence of acidic lipids, exhibits selectivity for mu ligands and acts as a GPI-anchored protein. Since the encoded protein is highly conserved in species during evolution, it may have a fundamental role in mammalian systems. Two transcript variants encoding different isoforms have been found for this gene.

<b>Target:</b>	Opioid Binding Protein/cell Adhesion Molecule Like (OPCML)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Human
<b>Tested Applications:</b>	ELISA, WB
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	KLH-conjugated synthetic peptide between 172-200 amino acids from the Central region of human OPCML.
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified through a protein A column, followed by peptide affinity purification.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	Q14982 ( <a href="#">UniProt</a> , <a href="#">ExpASY</a> )

# Datasheet

Version: 1.0.0  
Revision date: 12 Mar 2025



**KEGG:** hsa:4978

**String:** [9606.ENSP00000330862](#)

**Molecular Weight:** Calculated MW: 38 kDa

**Buffer:** PBS containing 0.09% sodium azide.

**Specificity:** Predicted to react with Rat and Cow OPCML.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only