

OBCAM rabbit pAb**Cat#: orb765871 (Manual)**

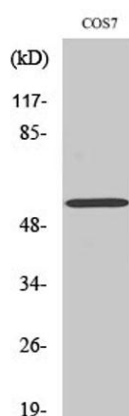
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Product Name	OBCAM rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat;Monkey
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human OBCAM. AA range:152-201
Specificity	OBCAM Polyclonal Antibody detects endogenous levels of OBCAM protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Opioid-binding protein/cell adhesion molecule
Gene Name	OPCML
Cellular localization	Cell membrane ; Lipid-anchor, GPI-anchor .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

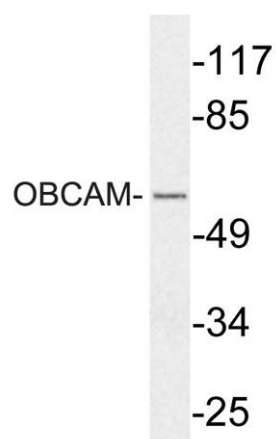
Concentration	1 mg/ml
Observed band	58kD
Human Gene ID	4978
Human Swiss-Prot Number	Q14982
Alternative Names	OPCML; IGLON1; OBCAM; Opioid-binding protein/cell adhesion molecule; OBCAM; OPCML; Opioid-binding cell adhesion molecule; IgLON family member 1

Background

This gene encodes a member of the IgLON subfamily in the immunoglobulin protein superfamily of proteins. The encoded preprotein is proteolytically processed to generate the mature protein. This 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 μ 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. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Jan 2016],



Western Blot analysis of various cells using OBCAM Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysate from COS7 cells, using OBCAM antibody.