

OBCAM Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06322
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human OBCAM. AA range:152-201
Mol wt	38008
Species reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	OBCAM Antibody
Synonyms	OPCML; IGLON1; OBCAM; Opioid-binding protein/cell adhesion molecule; OBCAM; OPCML; Opioid-binding cell adhesion molecule; IGLON family member 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

OPCML encodes a member of the IGLON subfamily in the immunoglobulin protein superfamily of proteins. Opioid binding protein/cell adhesion molecule like is proteolytically processed to generate the mature protein. Opioid binding protein/cell adhesion molecule like is localized in the plasma membrane and may have an accessory role in opioid receptor function. OPCML 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 opioid binding protein/cell adhesion molecule like 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.

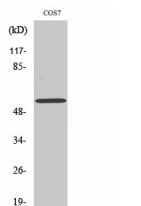
Recommended Dilution

WB: 1: 500 - 1: 2000

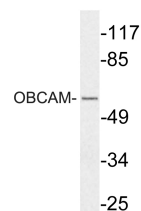
ELISA: 1: 10000

Not yet tested in other applications.

Images



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.

Storage

-20°C for one year

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