

产品名称: OBCAM Rabbit Polyclonal Antibody
产品货号: APRab15088



产品概述 (Summary)

产品名称 (Production Name)	OBCAM Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	OPCML OPCML; IGLON1; OBCAM; Opioid-binding protein/cell adhesion molecule;
别名 (Alternative Names)	OBCAM; OPCML; Opioid-binding cell adhesion molecule; IgLON family member 1
基因 ID (Gene ID)	4978.0
蛋白 ID (SwissProt ID)	Q14982.The antiserum was produced against synthesized peptide derived from human OBCAM. AA range:152-201

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	58kDa

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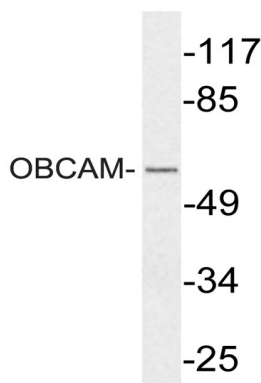
研究背景 (Background)

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 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. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Jan 2016],disease:Defects in OPCML are associated with ovarian cancer [MIM:167000]. Ovarian cancer is the leading cause of death from gynecologic malignancy. It is characterized by advanced presentation with loco-regional dissemination in the peritoneal cavity and the rare incidence of visceral metastases. These typical features relate to the biology of the disease, which is a principal determinant of outcome.,function:Binds opioids in the presence of acidic lipids; probably involved in cell contact.,similarity:Belongs to the immunoglobulin superfamily. IgLON family.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,

研究领域 (Research Area)

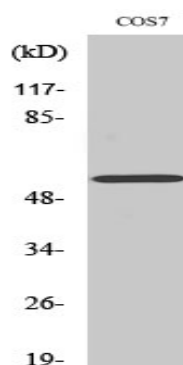
Cell Adhesion Proteins; Membrane Proteins; Neuroscience; Neurotransmission; Receptors / Channels; GPCR; Opioid Receptors; Cancer; Oncoproteins/suppressors; Tumor suppressors

图片 (Image Data)



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

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

注意事项 (Note)

For research use only .