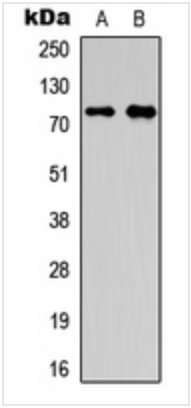
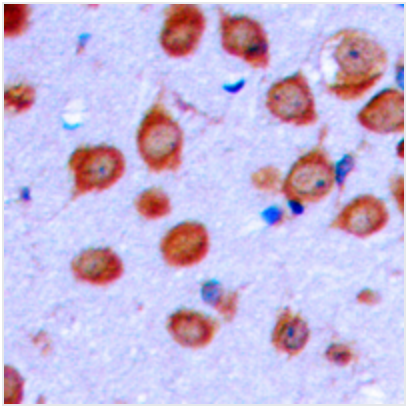
OLFML2A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

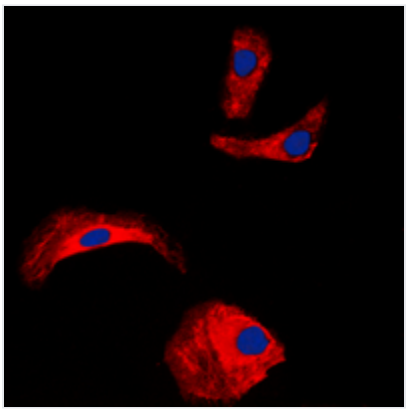
Product Name	OLFML2A, Polyclonal Antibody
Full Product Name	OLFML2A Antibody
Product Gene Name	anti-OLFML2A antibody
Product Synonym Names	Olfactomedin-like protein 2A; Photomedin-1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Purity/Purification	Immunogen affinity chromatography
Concentration	1 mg/mL (lot specific)
Specificity	Recognizes endogenous levels of OLFML2A protein.
Preparation and Storage	Store at -20 degree C.
Molecular Weight	73 kDa
3D Structure	ModBase 3D Structure for Q68BL7
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human OLFML2A.
Product Categories/Family for anti-OLFML2A antibody	Total protein Ab
Applications Tested/Suitable for anti-OLFML2A antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Application Notes for anti-OLFML2A antibody	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:100-1:300
Related Product Information for anti-OLFML2A antibody	MBS9430882 is an antibody targeting OLFML2A. Also known as OLFML2A Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-OLFML2A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-OLFML2A antibody
Western blot analysis of MRPS18A expression in HEK293T, Raw264.7, H9C2 whole cell lysates.



Immunohistochemistry (IHC) of anti-OLFML2A antibody
Immunohistochemical analysis of OLFML2A staining in human brain formalin fixed paraffin embedded tissue section. The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescence (IF) of anti-OLFML2A antibody
Immunofluorescent analysis of OLFML2A staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OLFML2A. It may not necessarily be applicable to this product.

NCBI GI #	544186069
NCBI GeneID	169611
NCBI Accession #	NP_001269644.1
UniProt Primary Accession #	Q68BL7
UniProt Secondary Accession #	Q5JTM5; Q5JTM6; Q6UXW1; Q7Z5V3
UniProt Related Accession #	Q68BL7
GenBank Nucleotide #	NM_001282715.1
NCBI Official Full Name	olfactomedin-like protein 2A isoform 2
NCBI Official Synonym Full Names	olfactomedin like 2A
NCBI Official Symbol	OLFML2A
NCBI Official Synonym Symbols	PRO34319

UniProt Protein Name	Olfactomedin-like protein 2A
UniProt Synonym Protein Names	Photomedin-1
Protein Family	Olfactomedin-like protein
UniProt Gene Name	OLFML2A
NCBI Protein Information	olfactomedin-like protein 2A
Research Articles on OLFML2A	**1.** Three neuronal proteins (Huntingtin interacting protein 1, neurofascin, and olfactomedin-like 2a) are novel components of podocyte major processes and their expression in glomerular crescents supports their role in crescent formation.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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