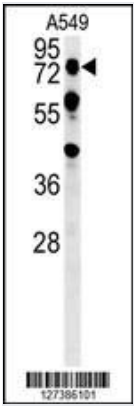
OLFML2A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OLFML2A, Polyclonal Antibody
Full Product Name	OLFML2A, NT (OLFML2A, Olfactomedin-like protein 2A, Photomedin-1)
Product Gene Name	anti-OLFML2A antibody
Product Synonym Names	Anti -OLFML2A, NT (OLFML2A, Olfactomedin-like protein 2A, Photomedin-1)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	73,054 Da
Chromosome Location	Chromosome: 9; NC_000009.11 (127539435..127577161). Location: 9q33.3
3D Structure	ModBase 3D Structure for Q68BL7
Immunogen	OLFML2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-42 amino acids from the N-terminal region of human OLFML2A.
Product Categories/Family for anti-OLFML2A antibody	Antibodies; Abs to Proteins
Applications Tested/Suitable for anti-OLFML2A antibody	ELISA (EL/EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-OLFML2A antibody	Suitable for use in Western Blot, Immunohistochemistry, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500 Immunohistochemistry: 1:50-100
Related Product Information for anti-OLFML2A antibody	OLFML2A contains one olfactomedin-like domain. Its exact function is unknown. There are three named isoforms produced by alternative splicing.
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.
Searchable Terms for OLFML2A purchase	MBS646194 is an antibody targeting OLFML2A. Also known as OLFML2A, NT (OLFML2A, Olfactomedin-like protein 2A, Photomedin-1). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-OLFML2A antibody
OLFML2A Antibody (N-term) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the OLFML2A antibody detected the OLFML2A protein (arrow).



Immunohistochemistry (IHC) of anti-OLFML2A antibody
OLFML2A Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the OLFML2A Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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
UniProt Entry Name	OLM2A_HUMAN
NCBI Protein Information	olfactomedin-like protein 2A; photomedin-1

UniProt Comments for OLFML2A	Subunit structure: Homodimer. Binds to heparin and chondroitin sulfate E By similarity. Subcellular location: Secreted By similarity. Post-translational modification: May be cleaved at Lys-295 after secretion By similarity.O-glycosylated but not N-glycosylated By similarity. Sequence similarities: Contains 1 olfactomedin-like domain.
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.
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