

Anti-OLFML2A Antibody

Catalog # AP60355

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q68BL7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73054

Additional Information

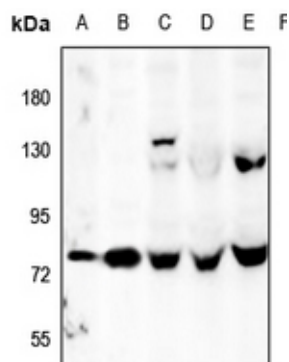
Gene ID	169611
Other Names	Olfactomedin-like protein 2A; Photomedin-1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human OLFML2A. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IF/IC (1/100 - 1/500) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IF/IC (1/100 - 1/500) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C. Stable for 12 months from date of receipt

Protein Information

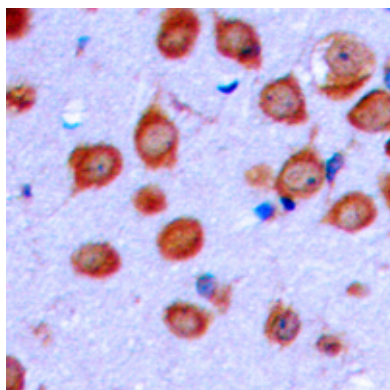
Name	OLFML2A
Cellular Location	Secreted {ECO:0000250 UniProtKB:Q8BHP7}. Note=Localizes to the podocyte major processes. Colocalized with the major process protein VIM throughout podocyte development
Tissue Location	In the kidney expressed only by podocytes, wherein they localize to major processes.

Images

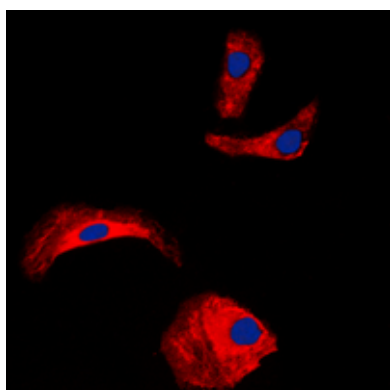
Western blot analysis of OLFML2A expression in rat lung (A), mouse lung (B), SGC7901 (C), HEK293T (D), MCF7 (E) whole cell lysates. (Predicted band size: 73 kD; Observed



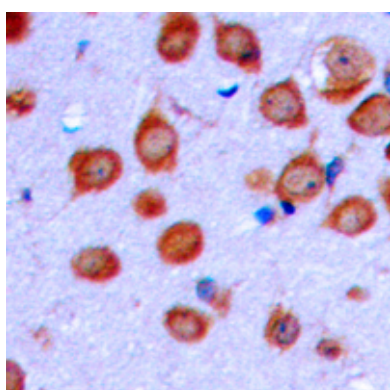
band size: 73 kD)



Immunohistochemical analysis of OLFML2A staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). 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.



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 humidified 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).



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.