

Rabbit anti-Human, Mouse OLFML2B Polyclonal Antibody | anti-OLFML2B antibody

Rabbit Polyclonal (IgG) to Human OLFML2B

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52417	Rabbit	Human, Mouse	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

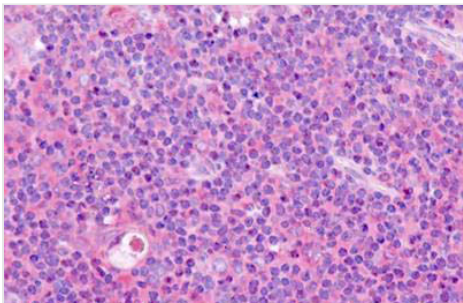
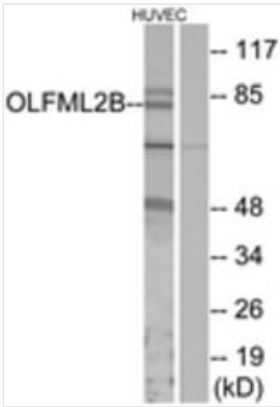
OLFML2B; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human OLFML2B; Anti-OLFML2B Antibody (aa171-220) IHC-plus; DKFZP586L151; Photomedin-2; RP11-227F8.1; Olfactomedin-like 2B; Olfactomedin-like protein 2B; Human OLFML2B; anti-OLFML2B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	OLFML2B Antibody detects endogenous levels of total OLFML2B protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM NaCl, 0.02% sodium azide, 50% Glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	750
Applicable Applications for anti-OLFML2B antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Family/Subfamily	GPCR/Orapha-B
Immunogen Species	OLFML2B antibody was raised against Human
Immunogen	OLFML2B antibody was raised against synthetic peptide from human OLFML2B (aa171-220).
Epitope	aa171-220
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Preparation and Storage	Store at -20 degree C for up to one year.

IMAGES



IHC (Immunohistochemistry)
Anti-OLFML2B antibody IHC staining of human thymus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

WB (Western Blot)
Western blot of extracts from HUVEC cells, using OLFML2B Antibody. The lane on the right is treated with the synthesized peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-OLFML2B antibody	G Protein-Coupled Receptor Ls195570 is an Orphan-B GPCR with an unknown ligand.
Product Categories/Family for anti-OLFML2B antibody	Family: GPCR; Subfamily: Orphan-B

NCBI AND UNIPROT INFORMATION

NCBI GI #	46195719
NCBI GeneID	25903
NCBI Accession #	NP_056256.1
NCBI GenBank Nucleotide #	NM_015441.2
UniProt Accession #	Q68BL8; Q5VU96; Q6NX46; Q86X11; Q9Y3X6; B7ZA39
NCBI Official Full Name	olfactomedin-like protein 2B isoform 2
NCBI Official Synonym Full Names	olfactomedin-like 2B
NCBI Official Symbol	OLFML2B
NCBI Protein Information	olfactomedin-like protein 2B; photomedin-2
UniProt Protein Name	Olfactomedin-like protein 2B
UniProt Gene Name	OLFML2B
UniProt Entry Name	OLM2B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.