

Rabbit OLFML3 Polyclonal Antibody | anti-OLFML3 antibody

OLFML3 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285318	Rabbit	Human, mouse (Predicted Reactivity: Rat)	ELISA, Western Blot

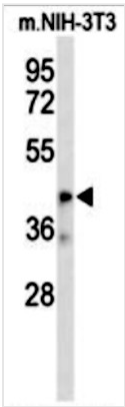
PRODUCT SYNONYMS

OLFML3; Polyclonal Antibody; OLFML3 Antibody (Center); Olfactomedin-like protein 3; HNOEL-iso; hOLF44; anti-OLFML3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This OLFML3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 107-134 amino acids from the Central region of human OLFML3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Positions	107-134
Sequence Length	287
Applicable Applications for anti-OLFML3 antibody	ELISA, WB (Western Blot)
Function	Secreted scaffold protein that plays an essential role in dorsoventral patterning during early development. Stabilizes axial formation by restricting chordin (CHRD) activity on the dorsal side. Acts by facilitating the association between the tolloid proteases and their substrate chordin (CHRD), leading to enhance chordin (CHRD) degradation (By similarity). May have matrix-related function involved in placental and embryonic development, or play a similar role in other physiological processes.
Cellular Location	Secreted.
Tissue Location	Abundant in placenta, moderate in liver and heart, whereas fairly weak in other tissues examined. On term placenta, mainly localized extracellularly surrounding the syncytiotrophoblastic cells and very rarely expressed in the maternal decidua layer
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of OLFML3 Antibody (Center) in mouse NIH-3T3 cell line lysates (35ug/lane). OLFML3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Product Categories/Family for anti-OLFML3 antibody	Cardiovascular; Signal Transduction
References	Fautsch, M.P., et al. Exp. Eye Res. 82(6):1046-1052(2006) Zeng, L.C., et al. FEBS Lett. 571 (1-3), 74-80 (2004) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910270
NCBI GeneID	56944
NCBI Accession #	NP_064575.1
NCBI GenBank Nucleotide #	NM_020190.3
UniProt Accession #	Q9NRN5; Q53FR1; Q53HV9; Q5SQL6; Q69AX9; Q8NBJ2
Molecular Weight	46010
NCBI Official Full Name	olfactomedin-like protein 3 isoform 1
NCBI Official Synonym Full Names	olfactomedin-like 3
NCBI Official Symbol	OLFML3
NCBI Official Synonym Symbols	OLF44; HNOEL-iso
NCBI Protein Information	olfactomedin-like protein 3
UniProt Protein Name	Olfactomedin-like protein 3
UniProt Gene Name	OLFML3
UniProt Entry Name	OLFL3_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.