

OLFM1 antibody

Catalog No: #38117

Package Size: #38117-1 50ul #38117-2 100ul

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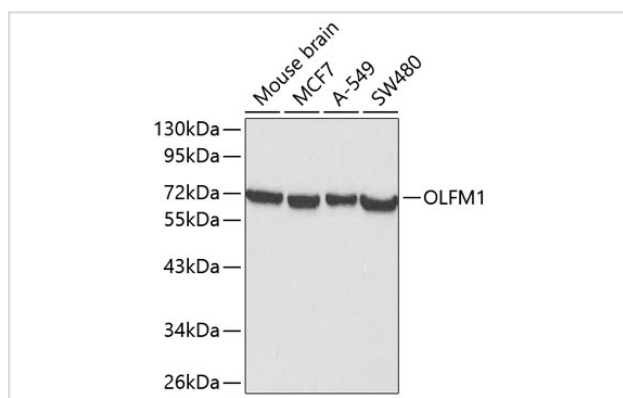
Description

Product Name	OLFM1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human, Mouse
Specificity	The antibody detects endogenous level of total OLFM1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant Protein of human OLFM1 .
Target Name	OLFM1
Other Names	OLFM1; NOELIN1; AMY; olfactomedin 1; NOE1; Noelin
Accession No.	Swiss-Prot#: Q99784NCBI Gene ID: 10439
SDS-PAGE MW	55kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using OLFM1 antibody at 1:1000 dilution.

Background

The Olfactomedin family comprises a diverse group of secreted glycoproteins, which includes OLFM1 (Noelin-1), OLFM2 (Noelin-2), OLFM3 (Noelin-3), OLFM4 (Noelin-4), tiarin, pancortin, gliomedin and myocilin. These proteins are implicated in the development of the nervous system.

Specifically, OLFM1 and OLFM2 expression is observed in the neural plate and neural crest, as well as in the cranial ganglia in mouse at E8-10, and later in brain tissue and in the zone of polarizing activity in the limb. Overexpression of OLFM1 causes an excess of neural crest emigrations and prolonged neural crest production. OLFM2 participates in the regulation of the development of the anterior nervous system. An Arg144Gln mutation in OLFM2 has been implicated as a possible cause for open-angle glaucoma (OAG).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.