

Product datasheet for **TA322511**

Noelin (OLFM1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:500-2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 90-220 amino acids of human olfactomedin 1
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	55 kDa
Gene Name:	olfactomedin 1
Database Link:	NP_006325 Entrez Gene 56177 MouseEntrez Gene 93667 RatEntrez Gene 10439 Human Q99784



[View online »](#)

Background:

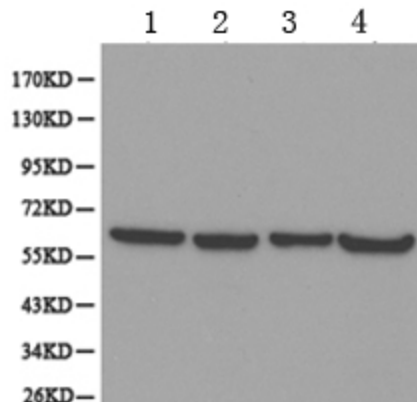
The Olfactomedin family comprises a diverse group of secreted glycoproteins, which includes OLFM1 (Noelin-1), OLFM2 (Noelin-2), OLFM3 (Noelin-3), OLFM4 (Noelin-4), tiarin, pancortin, gliomedin and myocilin. These proteins are implicated in the development of the nervous system. Specifically, OLFM1 and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

Synonyms:

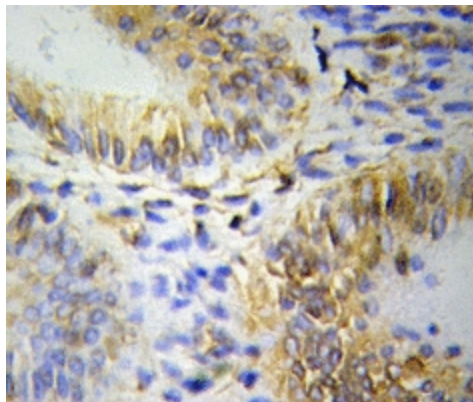
AMY; NOE1; NOELIN1; Olfa

Protein Families:

Druggable Genome

Product images:


Predicted band size: 55 kDa. Positive control: Brain tissue; MCF7, A549 and SW480 cell lysate. Recommended dilution: 1/500-2000. (Gel: 10%SDS-PAGE Lane 1: Brain tissue lysate Lane 2: MCF7 cell lysate Lane 3: A549 cell lysate Lane 4: SW480 cell lysate Lysates: 40 ug per lane Primary antibody: 1/500 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute)



Predicted cell location: Secreted. Positive control: Lung cancer tissue. Recommended dilution: 1/50-200 The image is immunohistochemistry of paraffin-embedded Lung cancer tissue using OLFM1 antibody at dilution 1/50