

## Product datasheet for **TA350251S**

### Optimedin (OLFM3) Rabbit Polyclonal Antibody

#### Product data:

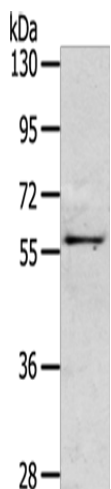
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse intestines tissue
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human OLFM3
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
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 3
Database Link:	<a href="#">NP_477518</a> <a href="#">Entrez Gene 229759 Mouse</a> <a href="#">Entrez Gene 252920 Rat</a> <a href="#">Entrez Gene 118427 Human</a> <a href="#">Q96PB7</a>
Background:	OLFM3 (olfactomedin 3), also known as NOE3, is a 478 amino acid protein that interacts with myocilin. Myocilin is an extracellular protein that plays a key role in the actomyosin system and is responsible for controlling intraocular pressure. OLFM3 is a secreted protein that contains an olfactomedin-like (OLF) domain, an approximately 260 amino acid motif commonly found in secreted glycoproteins. OLFM3 localizes to the Golgi apparatus of the cell and is highly expressed in both eye and brain tissue. Mutations in the gene that encodes OLFM3 may cause severe glaucoma, a condition in which increased intraocular pressure within the eyeball causes loss of eye sight.
Synonyms:	NOE3; NOELIN3; OPTIMEDIN



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Protein Families: Secreted Protein

### Product images:



Gel: 6%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Mouse intestines tissue  
Primary antibody: [TA350251] (OLFM3 Antibody)  
at dilution 1/200  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 2 minutes