

Datasheet for ABIN1406930

**anti-Olfactomedin 3 antibody (AA 101-200) (HRP)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                           |
| Target:              | Olfactomedin 3 (OLFM3)                                                                                                                           |
| Binding Specificity: | AA 101-200                                                                                                                                       |
| Reactivity:          | Mouse, Rat                                                                                                                                       |
| Host:                | Rabbit                                                                                                                                           |
| Clonality:           | Polyclonal                                                                                                                                       |
| Conjugate:           | This Olfactomedin 3 antibody is conjugated to HRP                                                                                                |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                       |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human OLFM3/Optimedlin |
| Isotype:              | IgG                                                                  |
| Cross-Reactivity:     | Mouse, Rat                                                           |
| Predicted Reactivity: | Human,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit                         |
| Purification:         | Purified by Protein A.                                               |

## Target Details

|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Target:           | Olfactomedin 3 (OLFM3)                              |
| Alternative Name: | OLFM3/Optimedlin ( <a href="#">OLFM3 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: Noe3, NOE3_HUMAN, Noelin 3, Noelin-3, NOELIN3, NOELIN3 V1, NOELIN3 V2, NOELIN3 V3, NOELIN3 V4, NOELIN3 V5, NOELIN3 V6, Olfactomedin 3, Olfactomedin related ER localized protein 3, Olfactomedin-3, Olfactomedin3, Olfm3, Optimedin.</p> <p>Background: OLFM3 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.</p> |
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## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | <p>WB 1:300-5000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Handling Advice:   | Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.               |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |