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Datasheet for ABIN4999953

**anti-CH25H antibody (AA 1-100) (Alexa Fluor 750)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | CH25H  |
| Binding Specificity: | AA 1-100   |
| Reactivity:          | Mouse  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This CH25H antibody is conjugated to Alexa Fluor 750 |
| Application:         | Western Blotting (WB)                                |

## Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | KLH conjugated synthetic peptide derived from human CH25H |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human   |
| Purification:     | Purified by Protein A.                                    |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | CH25H   |
| Alternative Name: | CH25H ( <a href="#">CH25H Products</a> )  |
| Background:       | Synonyms: C25H, Cholesterol 25-hydroxylase, Cholesterol 25-monooxygenase, h25OH, CH25H<br>Background: Catalyzes the formation of 25-hydroxycholesterol from cholesterol, leading to |

## Target Details

repress cholesterol biosynthetic enzymes. May play an important role in regulating lipid metabolism by synthesizing a corepressor that blocks sterol regulatory element binding protein (SREBP) processing. In testis, production of 25-hydroxycholesterol by macrophages may play a role in Leydig cell differentiation.

Gene ID: 9023

UniProt: [O95992](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months