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Datasheet for ABIN5010954

**anti-H13 antibody (AA 251-350) (Alexa Fluor 750)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | H13  |
| Binding Specificity: | AA 251-350   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This H13 antibody is conjugated to Alexa Fluor 750   |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Signal Peptide Peptidase |
| Isotype:              | IgG  |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Pig, Horse, Chicken, Rabbit                     |
| Purification:         | Purified by Protein A.   |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | H13   |
| Alternative Name: | SPP/ Signal Peptide Peptidase ( <a href="#">H13 Products</a> )                      |
| Background:       | Synonyms: Histocompatibility minor 13, HM 13, HM13, HM13_HUMAN, IMP 1, IMP-1, IMP1, |

## Target Details

IMPAS, IMPAS-1, Intramembrane Protease 1, Intramembrane protease, Minor Histocompatibility 13, Minor histocompatibility antigen 13, Minor histocompatibility antigen H13, MSTP086, Presenilin like protein 3, Presenilin-like protein 3, PSENL 3, PSENL3, PSL 3, PSL3, Signal peptide peptidase, Signal peptide peptidase beta, SPP, dJ324017.1, H13, hIMP1, hIMP1 protein.

Background: The endoplasmic reticulum exerts a quality control over newly synthesized proteins and a variety of components have been implicated in the specific recognition of aberrant or misfolded polypeptides. Signal peptide peptidase (SPP) catalyzes intramembrane proteolysis of some signal peptides after they have been cleaved from a preprotein, resulting in the release of the fragment from the ER membrane into the cytoplasm. SPP is required to generate lymphocyte cell surface (HLA-E) epitopes derived from MHC class I signal peptides, and may play a role in graft rejection. It also may be necessary for the removal of the signal peptide that remains attached to the hepatitis C virus core protein after the initial proteolytic processing of the polyprotein.

Gene ID: 207

## 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.

Handling

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Expiry Date: 12 months