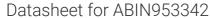
# antibodies -online.com





# anti-MBTPS2 antibody (N-Term)

2 Images



Go to Product page

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Quantity:	0.4 mL
Target:	MBTPS2
Binding Specificity:	AA 14-44, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MBTPS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	KLH conjugated synthetic peptide between 14-44 amino acids from the N-terminal region of human MBTPS2
Isotype:	lg Fraction
Specificity:	This antibody recognizes Human MBTPS2 (N-term).
Purification:	Protein A column, followed by peptide affinity purification
Target Details	
Target:	MBTPS2
Alternative Name:	MBTPS2 (MBTPS2 Products)

#### **Target Details**

Background:
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This gene encodes a intramembrane zinc metalloprotease, which is essential in development. This protease functions in the signal protein activation involved in sterol control of transcription and the ER stress response. Mutations in this gene have been associated with ichthyosis follicularis with atrichia and photophobia (IFAP syndrome), IFAP syndrome has been quantitatively linked to a reduction in cholesterol homeostasis and ER stress response. Synonyms: Membrane-bound transcription factor site-2 protease, S2P, S2P endopeptidas, Site-2 protease, Sterol regulatory element-binding proteins intramembrane protease

Molecular Weight:

57444 Da

Gene ID:

51360

NCBI Accession:

NP\_056968

Pathways:

**ER-Nucleus Signaling** 

## **Application Details**

Application	Notes:

Optimal working dilution should be determined by the investigator.

Restrictions:

For Research Use only

## Handling

Liquid

Concentration:

0.25 mg/mL

Buffer:

PBS containing 0.09 % (W/V) Sodium Azide as preservative

Preservative:

Sodium azide

Precaution of Use:

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

should be handled by trained staff only.

Handling Advice:

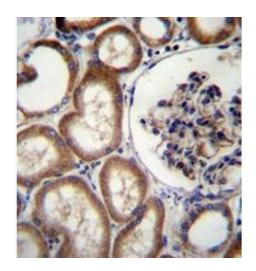
Avoid repeated freezing and thawing.

Storage:

4 °C/-20 °C

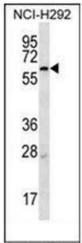
Storage Comment:

Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



## Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue reacted with MBTPS2 Antibody (N-term) followed which peroxidase conjugated to the secondary antibody and was followed by AB staining.



#### **Western Blotting**

**Image 2.** Western blot analysis of MBTPS2 Antibody (Nterm) in NCI-H292 cell line lysates (35ug/lane). This demonstrates the MBTPS2 antibody detected the MBTPS2 protein (arrow).