

Datasheet for ABIN656896
anti-MBTPS2 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	MBTPS2
Binding Specificity:	AA 15-44, 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))

Product Details

Immunogen:	This MBTPS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 15-44 amino acids from the N-terminal region of human MBTPS2.
Clone:	RB32439
Isotype:	Ig Fraction
Predicted Reactivity:	B, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MBTPS2
Alternative Name:	MBTPS2 (MBTPS2 Products)

Target Details

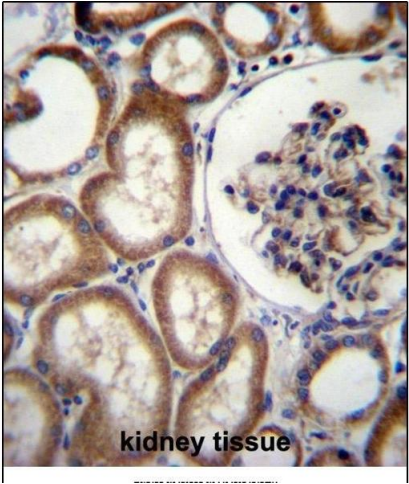
Background:	<p>This gene encodes a intramembrane zinc metalloprotease, which is essential in development.</p> <p>This protease functions in the signal protein activation involved in sterol control of transcription and the ER stress response. Mutations in this gene have been associated with ichthyosis follicularis with atrichia and photophobia (IFAP syndrome), IFAP syndrome has been quantitatively linked to a reduction in cholesterol homeostasis and ER stress response.</p>
Molecular Weight:	57444
Gene ID:	51360
NCBI Accession:	NP_056968
UniProt:	O43462
Pathways:	ER-Nucleus Signaling

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

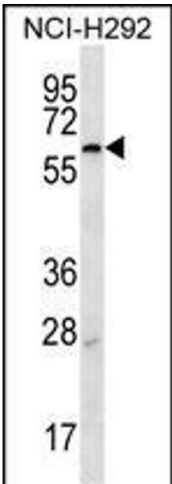
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	MBTPS2 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. MBTPS2 Antibody (N-term) (ABIN656896 and ABIN2846095) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MBTPS2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. MBTPS2 Antibody (N-term) (ABIN656896 and ABIN2846095) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the MBTPS2 antibody detected the MBTPS2 protein (arrow).