



Datasheet for ABIN7180200  
**anti-MBTPS1 antibody (C-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	MBTPS1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MBTPS1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Synthesized peptide derived from C-terminal of Human MBTPS1.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	MBTPS1
Alternative Name:	MBTPS1 ( <a href="#">MBTPS1 Products</a> )
Background:	Background: Serine protease that catalyzes the first step in the proteolytic activation of the

## Target Details

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sterol regulatory element-binding proteins (SREBPs). Other known substrates are BDNF, GNPTAB and ATF6. Cleaves after hydrophobic or small residues, provided that Arg or Lys is in position P4. Cleaves known substrates after Arg-Ser-Val-Leu (SERBP-2), Arg-His-Leu-Leu (ATF6), Arg-Gly-Leu-Thr (BDNF) and its own propeptide after Arg-Arg-Leu-Leu. Mediates the protein cleavage of GNPTAB into subunit alpha and beta, thereby participating in biogenesis of lysosomes.

Nakajima T., J. Hum. Genet. 45:212-217(2000).

Nagase T., DNA Res. 2:37-43(1995).

Bechtel S., BMC Genomics 8:399-399(2007).

Aliases: MBTPS1 antibody, KIAA0091 antibody, S1P antibody, SKI1 Membrane-bound transcription factor site-1 protease antibody, EC 3.4.21.112 antibody, Endopeptidase S1P antibody, Subtilisin/kexin-isozyme 1 antibody, SKI-1 antibody

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UniProt: [Q14703](#)

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Pathways: [ER-Nucleus Signaling](#)

## Application Details

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Application Notes: WB:1:500-1:3000,

Restrictions: For Research Use only

## Handling

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Format: Liquid

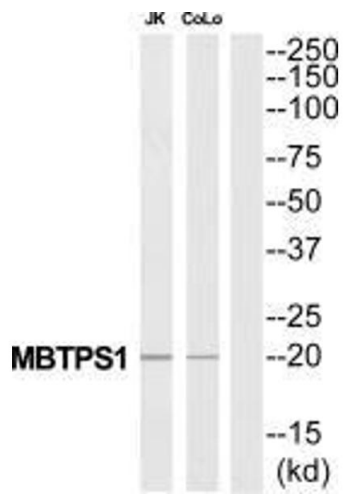
Buffer: Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Western Blotting

**Image 1.** Western blot analysis of extracts from Jurkat/COLO205 cells, using MBTPS1 antibody.