

Datasheet for ABIN5539640
anti-PSMB4 antibody (Internal Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	PSMB4
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PSMB4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	PSMB4
Sequence:	QIATVTEKGV E
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	PSMB4
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Target Details

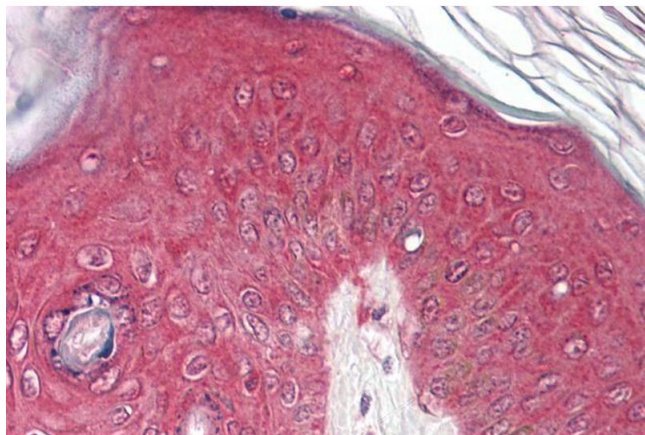
Alternative Name:	PSMB4 (PSMB4 Products)
Background:	PSMB4, proteasome (prosome, macropain) subunit, beta type, 4, HN3, HsN3, PROS26, macropain beta chain, multicatalytic endopeptidase complex beta chain, proteasome beta 4 subunit, proteasome beta chain, proteasome chain 3, proteasome subunit HsN3, proteaso
Gene ID:	5692, 19172, 58854
NCBI Accession:	NP_002787
Pathways:	Mitotic G1-G1/S Phases , DNA Replication , Synthesis of DNA

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Skin. Recommended concentration: 3.75 µg/mL. Western Blot: Approx 25 kDa band observed in lysates of cell lines NIH3T3, HEK293, HeLa, Jurkat and K562 (calculated MW of the mature protein 24.3 kDa according to aa46-264 of NP_002787.2). Recommended concentration: 0.3-1 µg/mL. Primary incubation was 1 ho Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

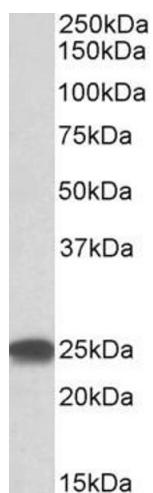
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN5539640 (3.75µg/ml) staining of paraffin embedded Human Skin. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.



Western Blotting

Image 2. ABIN5539640 (0.3µg/ml) staining of HEK293 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.