

Datasheet for ABIN3023325
anti-PSMA4 antibody (AA 1-261)

5 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PSMA4
Binding Specificity:	AA 1-261
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMA4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-261 of human PSMA4 (NP_001096137.1).
Sequence:	MSRRYDSRTT IFSPEGRLYQ VEYAMEAIGH AGTCLGILAN DGVLLAAERR NIHKLLEDEVF FSEKIYKLNE DMACSVAGIT SDANVLTNEL RLIAQRYLLQ YQEPIPCQL VTALCDIKQA YTQFGGKRPF GVSLLYIGWD KHYGFQLYQS DPSGNYGGWK ATCIGNNSAA AVSMLKQDYK EGEMTLKSAL ALAIKVLNKT MDVSKLSAEK VEIATLTREN GKTIVIRVLKQ KEVEQLIKKH EEEEAKAERE KKEKEQKEKD K
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

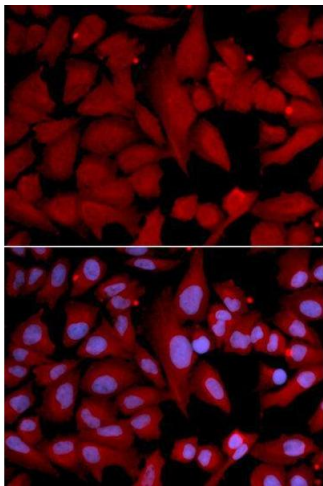
Target:	PSMA4
Alternative Name:	PSMA4 (PSMA4 Products)
Background:	<p>The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits, 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the peptidase T1A family, that is a 20S core alpha subunit. Three alternatively spliced transcript variants encoding different isoforms have been found for this gene.,PSMA4,HC9,HsT17706,PSC9,Cell Biology & Developmental Biology,Ubiquitin,PSMA4</p>
Molecular Weight:	21 kDa/29 kDa
Gene ID:	5685
UniProt:	P25789
Pathways:	Mitotic G1-G1/S Phases , DNA Replication , Synthesis of DNA

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200,IP,1:50 - 1:100
Restrictions:	For Research Use only

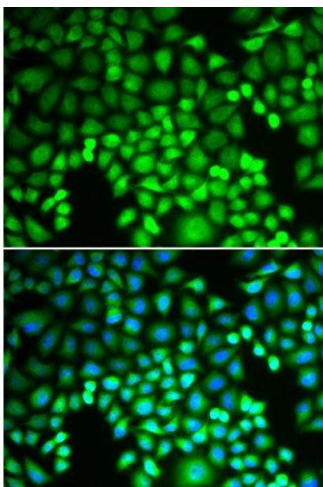
Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



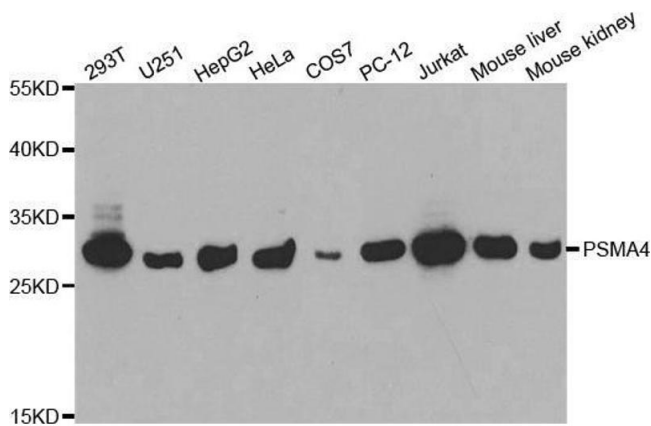
Immunofluorescence

Image 1.



Immunofluorescence

Image 2.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using PSMA4 antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3023325.