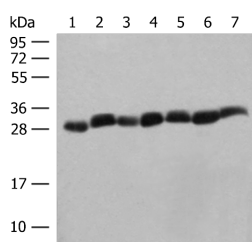


## PSMA3 Polyclonal Antibody

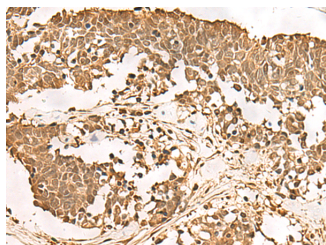
<b>Catalog No.</b>	E-AB-18804	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC,ELISA	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

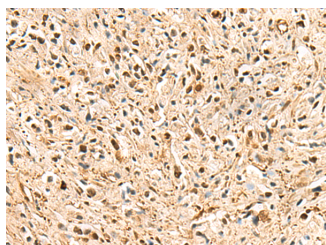
### Images



Western blot analysis of Hela cell  
 Mouse spleen tissue Mouse liver tissue  
 PC3 cell HL60 cell A549 cell  
 NIH/3T3 cell lysates using PSMA3  
 Polyclonal Antibody at dilution of  
 1:350



Immunohistochemistry of paraffin-  
 embedded Human lung cancer tissue  
 using PSMA3 Polyclonal Antibody at  
 dilution of 1:50(×200)



Immunohistochemistry of paraffin-  
 embedded Human prostate cancer  
 tissue using PSMA3 Polyclonal  
 Antibody at dilution of 1:50(×200)

### Immunogen Information

<b>Immunogen</b>	Fusion protein of human PSMA3
<b>Gene Accession</b>	BC005265
<b>Swissprot</b>	P25788
<b>Synonyms</b>	HC8, Proteasome component C8, Proteasome subunit alpha type 3, PSA3, PSC8, psmA3

### Product Information

<b>Calculated MW</b>	28 kDa
<b>Observed MW</b>	Refer to figures
<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4
<b>Purify</b>	Antigen affinity purification
<b>Dilution</b>	WB 1:500-1:2000, IHC 1:50-1:300, ELISA 1:5000-1:10000

### Background

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. Two alternative transcripts encoding different isoforms have been identified.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-  
 Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-  
 Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.