

A2511

Leader in Biomolecular Solutions for Life Science



## PSMA4 Rabbit pAb

Catalog No.: A2511

### Basic Information

**Observed MW**

28kDa

**Calculated MW**

29kDa

**Category**

Polyclonal Antibody

**Applications**

WB,IF/ICC,IP,ELISA

**Cross-Reactivity**

Human,Mouse,Rat

### Background

This gene encodes a core alpha subunit of the 20S proteasome, which is a highly ordered ring-shaped structure composed of four rings of 28 non-identical subunits. Proteasomes cleave peptides in an ATP- and ubiquitin-dependent manner.

### Recommended Dilutions

**WB** 1:500 - 1:2000

**IF/ICC** 1:50 - 1:200

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

### Immunogen Information

**Gene ID**

5685

**Swiss Prot**

P25789

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 1-261 of human PSMA4 (NP\_001096137.1).

**Synonyms**

HC9; PSC9; HsT17706; PSMA4

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

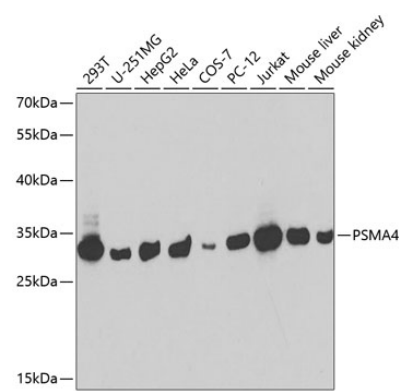
Affinity purification

**Storage**

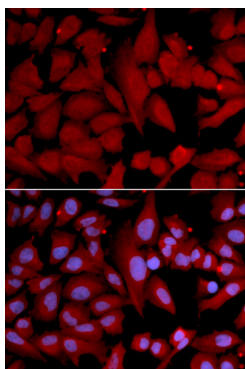
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using PSMA4 Rabbit pAb (A2511) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of U2OS cells using PSMA4 Rabbit pAb (A2511).  
Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.