

Datasheet for ABIN1402247  
**anti-PSMA6 antibody (AbBy Fluor® 555)**



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## Overview

|              |                                                                                 |
|--------------|---------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                          |
| Target:      | PSMA6                                                                           |
| Reactivity:  | Human, Mouse, Rat                                                               |
| Host:        | Rabbit                                                                          |
| Clonality:   | Polyclonal                                                                      |
| Conjugate:   | This PSMA6 antibody is conjugated to AbBy Fluor® 555                            |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                   |                                                                            |
|-------------------|----------------------------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human Proteasome 20S alpha 6 |
| Isotype:          | IgG                                                                        |
| Cross-Reactivity: | Human, Mouse, Rat                                                          |
| Purification:     | Purified by Protein A.                                                     |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                 |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:     | PSMA6                                                                                                                                                                                                                                                                                                                                                           |
| Abstract:   | <a href="#">PSMA6 Products</a>                                                                                                                                                                                                                                                                                                                                  |
| Background: | Synonyms: 27 kDa prosomal protein, HC2, IOTA, Macropain iota chain, Macropain subunit iota, Multicatalytic endopeptidase complex iota chain, p27K, PROS 27, PROS27, Prosomal P27K protein, Proteasome prosome macropain subunit alpha type 6, Proteasome iota chain, Proteasome subunit alpha type 1, Proteasome subunit alpha type 6, Proteasome subunit iota, |

## Target Details

PSMA6, PSA6\_HUMAN.

Background: The gene encodes a 246-amino acid polypeptide containing an RNA binding motif, a putative nuclear localization signal, and phosphorylation sites. The alpha subunits comprises the outer rings of the proteasome. Some alpha subunits contain a functional nuclear localization signal, proteasomes are found in both the nuclear and cytoplasmic compartments of the cell. Alpha subunits may constitute a physical barrier that limits access of cytosolic proteins into the inner proteolytic chamber.

Gene ID: 5687

Pathways: [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Synthesis of DNA](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months