

Datasheet for ABIN5009269

anti-PSMA6 antibody (AbBy Fluor® 680)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PSMA6
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMA6 antibody is conjugated to AbBy Fluor® 680
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
Alternative Name:	Proteasome 20S alpha 6 (PSMA6 Products)
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