

Datasheet for ABIN5689865 **anti-PSMC5 antibody**

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Overview

Quantity:	100 µL
Target:	PSMC5
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Dog, Drosophila melanogaster, C. elegans
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMC5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human PSMC5.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	PSMC5
Alternative Name:	PSMC5 (PSMC5 Products)
Background:	The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. PSMC5 is one of the ATPase subunits, a member of the triple-A family of ATPases which have a chaperone-like activity. In addition to participation in

Target Details

	proteasome functions, this subunit may participate in transcriptional regulation since it has been shown to interact with the thyroid hormone receptor and retinoid X receptor-alpha.
Molecular Weight:	46 kDa
Gene ID:	5705
NCBI Accession:	NP_002796
UniProt:	P62195
Pathways:	Mitotic G1-G1/S Phases , DNA Replication , Synthesis of DNA , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	PSMC5 antibody can be used for detection of PSMC5 by ELISA at 1:312500. PSMC5 antibody can be used for detection of PSMC5 by western blot at 1.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Storage:	4 °C, -20 °C
Storage Comment:	For short periods of storage (days) store at 4°C. For longer periods of storage, store PSMC5 antibody at -20°C. As with any antibody avoid repeat freeze-thaw cycles.