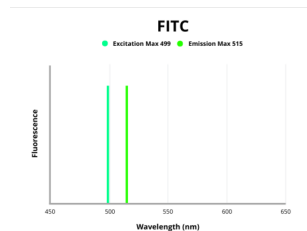


26S Proteasome Regulatory Subunit 6B (PSMC4) Antibody (FITC)

Catalogue No.: abx317154



Fluorescence emission spectra of FITC.

26S Proteasome Regulatory Subunit 6B (PSMC4) Antibody (FITC) is a Rabbit Polyclonal against 26S Proteasome Regulatory Subunit 6B (PSMC4) conjugated to FITC. 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 20S core 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. 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. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. This gene encodes a member of the triple-A family of ATPases that is a component of the 19S regulatory subunit and plays a role in 26S proteasome assembly. The encoded protein interacts with gankyrin, a liver oncoprotein, and may also play a role in Parkinson's disease through interactions with synphilin-1. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Target:	26S Proteasome Regulatory Subunit 6B (PSMC4)
Clonality:	Polyclonal
Reactivity:	Human
Host:	Rabbit
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	FITC
Excitation/Emission:	499/515
Laser Line:	488
Immunogen:	Recombinant Human 26S protease regulatory subunit 6B protein (112-181AA).
Isotype:	IgG
Form:	Liquid

Datasheet

Version: 2.0.0
Revision date: 01 Jul 2025



Purity:	> 95%
Purification:	Purified by Protein G.
Storage:	Aliquot and store at -20°C. Avoid exposure to light. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P43686 (UniProt , ExPASy)
Gene Symbol:	PSMC4
GeneID:	5704
OMIM:	602707
NCBI Accession:	NP_006494.1, NM_006503.3, NP_694546.1, NM_153001.2
HGNC:	9551
KEGG:	hsa:5704
Ensembl:	ENSG00000013275
String:	9606.ENSP00000157812
Buffer:	0.01 M PBS, pH 7.4, 0.03% Proclin-300 and 50% Glycerol.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.