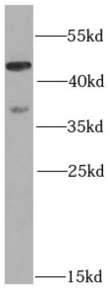
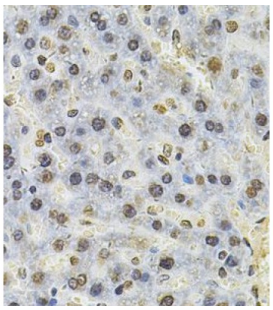
26S Proteasome Regulatory Subunit 6A (PSMC3) Antibody

Catalogue No.:abx236879



WB analysis of HeLa cells, using PSMC3 antibody (1/1000 dilution).



IHC-P analysis of rat liver tissue, using PSMC3 Antibody (1/50 dilution).

26S Proteasome Regulatory Subunit 6A (PSMC3) Antibody is a Rabbit Polyclonal against 26S Proteasome Regulatory Subunit 6A (PSMC3). 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. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes one of the ATPase subunits, a member of the triple-A family of ATPases that have chaperone-like activity. This subunit may compete with PSMC2 for binding to the HIV tat protein to regulate the interaction between the viral protein and the transcription complex. A pseudogene has been identified on chromosome 9.

Target:	26S Proteasome Regulatory Subunit 6A (PSMC3)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated

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Immunogen:	proteasome (prosome, macropain) 26S subunit, ATPase, 3
Isotype:	IgG
Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified by immunogen affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Validity:	12 months.
UniProt Primary AC:	P17980 (UniProt, ExPASy)
Gene Symbol:	PSMC3
GeneID:	5702
OMIM:	186852
NCBI Accession:	NM_002804
HGNC:	9549
KEGG:	hsa:5702
Ensembl:	ENSG00000165916
String:	9606.ENSP00000481029
Molecular Weight:	Observed MW: 49 kDa
Buffer:	PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.
Concentration:	2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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