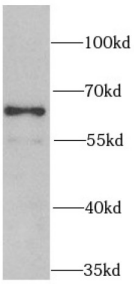
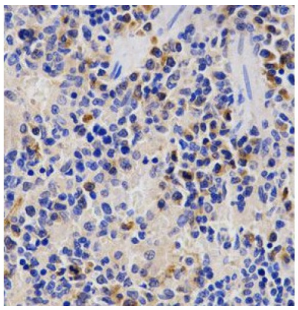
26S Proteasome Non-ATPase Regulatory Subunit 3 (PSMD3) Antibody

Catalogue No.:abx236888



WB analysis of mouse brain tissue, using PSMD3 antibody (1/1000 dilution).



IHC-P analysis of rat spleen tissue, using PSMD3 antibody (1/100 dilution).

PSMD3 Antibody is a Rabbit Polyclonal against PSMD3. 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 proteasome subunit S3 family that functions as one of the non-ATPase subunits of the 19S regulator lid. Single nucleotide polymorphisms in this gene are associated with neutrophil count.

Target:	26S Proteasome Non-ATPase Regulatory Subunit 3 (PSMD3)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	proteasome (prosome, macropain) 26S subunit, non-ATPase, 3

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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:	O43242 (UniProt, ExPASy)
Gene Symbol:	PSMD3
GeneID:	5709
OMIM:	617676
NCBI Accession:	NP_002800.2, NM_002809.3
HGNC:	9560
KEGG:	hsa:5709
Ensembl:	ENSG00000108344
String:	9606.ENSP00000264639
Molecular Weight:	Observed MW: 65 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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