

For Research Use Only

PSMB5 Polyclonal antibody

Catalog Number: 14098-1-AP



Basic Information

Catalog Number: 14098-1-AP	GenBank Accession Number: BC057840	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 220 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5693	
Source: Rabbit	Full Name: proteasome (prosome, macropain) subunit, beta type, 5	
Isotype: IgG	Calculated MW: 263 aa, 28 kDa	
Immunogen Catalog Number: AG5230		

Applications

Tested Applications:
ELISA

Species Specificity:
human, mouse, rat

Background Information

PSMB5(Proteasome subunit beta type-5) is also named as LMPX, MB1, X and belongs to the peptidase T1B family. The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. RNAi-mediated silencing of PSMB5 expression resulted in restoration of proteasome inhibitor sensitivity in resistant cells (PMID:18565852). It has 2 isoforms produced by alternative splicing.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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Selected Validation Data