
Product Name: Proteasome beta 8 Rabbit Polyclonal Antibody**Catalog #: APRab00321**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 30 kDa; Observed MW: 23 kDa

Antigen Information

Gene Name	PSMB8 PSMB8; LMP7; PSMB5i; RING10; Y2; Proteasome subunit beta type-8; Low molecular mass
Alternative Names	protein 7; Macropain subunit C13; Multicatalytic endopeptidase complex subunit C13; Proteasome component C13; Proteasome subunit beta-5i; Really interesting
Gene ID	5696
SwissProt ID	P28062
Immunogen	A synthetic peptide of human LMP7

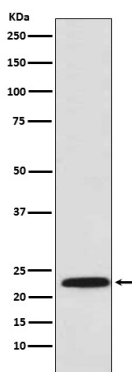
Background

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. The proteasome has an ATP-dependent proteolytic activity.

Research Area

Cell Biology

Image Data



Western blot analysis of Proteasome 20S LMP7 in U937 lysates using Proteasome beta 8 antibody.