
Product Name: Proteasome Activator Subunit 4 Rabbit Monoclonal Antibody**Catalog #: AMRe86888**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000
Molecular Weight	Calculated MW:211 kDa; Observed MW:211 kDa

Antigen Information

Gene Name	Proteasome Activator Subunit 4
Alternative Names	PA200
Gene ID	23198
SwissProt ID	Q14997
Immunogen	A synthetic peptide of human Proteasome Activator Subunit 4

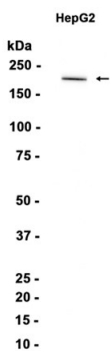
Background

Associated component of the proteasome that specifically recognizes acetylated histones and promotes ATP- and ubiquitin-independent degradation of core histones during spermatogenesis and DNA damage response. Recognizes and binds

acetylated histones via its bromodomain-like (BRDL) region and activates the proteasome by opening the gated channel for substrate entry. Binds to the core proteasome via its C-terminus, which occupies the same binding sites as the proteasomal ATPases, opening the closed structure of the proteasome via an active gating mechanism. Component of the spermatoproteasome, a form of the proteasome specifically found in testis: binds to acetylated histones and promotes degradation of histones, thereby participating actively to the exchange of histones during spermatogenesis.

Research Area

Image Data



Western blot analysis of extracts from HepG2 cells using Proteasome Activator Subunit 4 Rabbit Monoclonal Antibody at 1:1000.