

Proteasome subunit beta type-4 Polyclonal Antibody

Catalog No: #42251

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Description

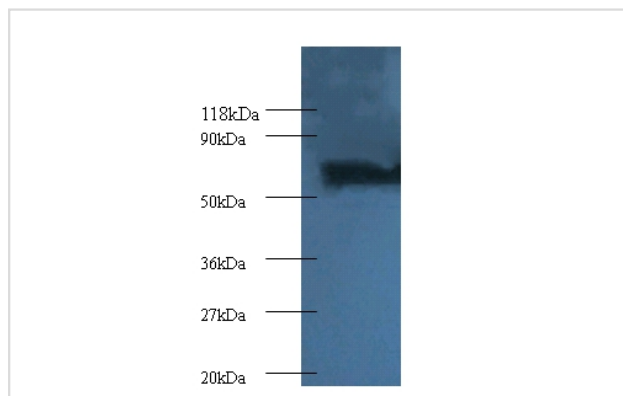
Product Name	Proteasome subunit beta type-4 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Proteasome subunit beta type-4 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Proteasome subunit beta type-4 protein
Target Name	Proteasome subunit beta type-4
Other Names	26 kDa prosomal protein HsBPROS26 PROS-26 Macropain beta chain Multicatalytic endopeptidase complex beta chain Proteasome chain 3 HsN3
Accession No.	Swiss-Prot#: P28070
Uniprot	P28070
GeneID	5692;
Calculated MW	29kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: □ 1:500 - 1:1000

Immunohistochemistry: 1:20 - 1:200

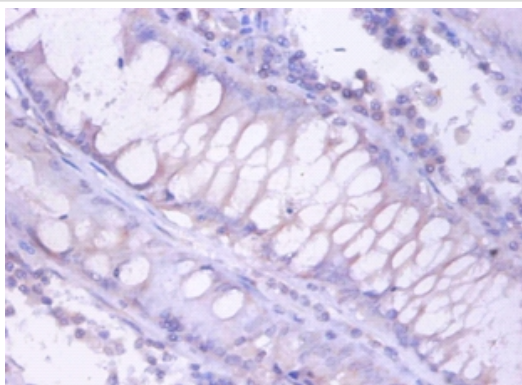
Images



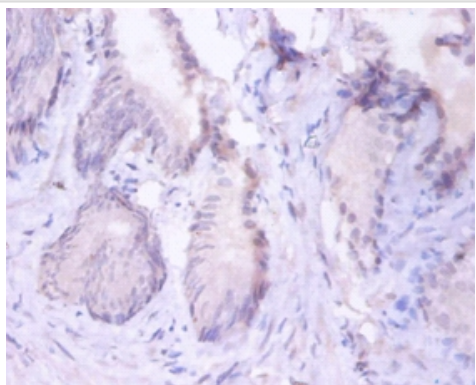
All lanes: Proteasome subunit beta type-4 Antibody at 2ug/ml
+ EC109 whole cell lysate at 20 ug

Secondary
Goat polyclonal to Rabbit IgG at 1/15000 dilution

Predicted band size : 29 kDa
Observed band size : 75 kDa



Immunohistochemical analysis of paraffin-embedded human colorectal carcinoma using #42251 at dilution of 1:100.



Immunohistochemical analysis of paraffin-embedded human prostate using #42251 at dilution of 1:100.

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. Mediates the lipopolysaccharide-induced signal macrophage proteasome. SMAD1/OAZ1/PSMB4 complex mediates the degradation of the CREBBP/EP300 repressor SNIP1.

References

[1] "Sequence analyses and inter-species comparisons of three novel human proteasomal subunits, HsN3, HsC7-I and HsC10-II, confine potential proteolytic active-site residues." Nothwang H.G., Tamura T., Tanaka K., Ichihara A. Biochim. Biophys. Acta 1219:361-

Note: This product is for in vitro research use only