Proteasome subunit beta type-7 Polyclonal Antibody

Catalog No: #42249

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Description

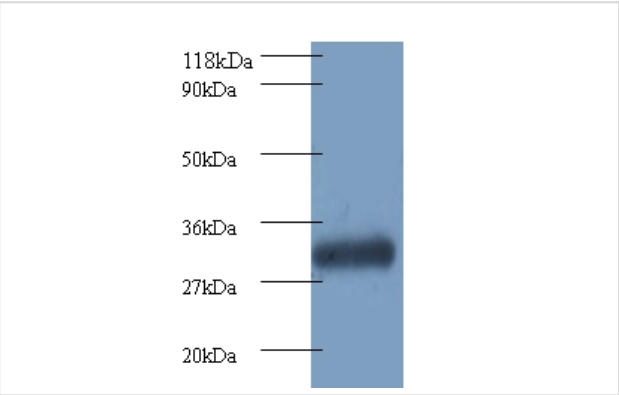
Product Name	Proteasome subunit beta type-7 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Proteasome subunit beta type-7 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Proteasome subunit beta type-7 protein
Target Name	Proteasome subunit beta type-7
Other Names	Macropain chain Z Multicatalytic endopeptidase complex chain Z Proteasome subunit Z
Accession No.	Swiss-Prot#: Q99436
Uniprot	Q99436
GeneID	5695;
Calculated MW	30.5kd
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

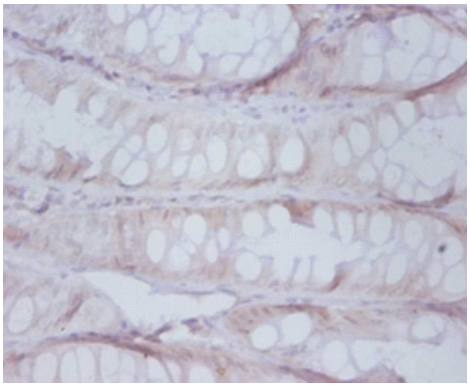
Immunohistochemistry: 1:20 - 1:200

Images



All lanes : Proteasome subunit beta type-7 antibody at 2 µg/ml+293T whole cell lysate
Secondary
Goat polyclonal to Rabbit IgG at 1/15000 dilution

Predicted band size : 30.5 kDa
Observed band size: 30.5kDa



Immunohistochemical analysis of paraffin-embeded human colorectal carcinoma using #42249 at dilution of 1:50.

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. This unit is responsible of the trypsin-like activity.

References

[1] "Newly identified pair of proteasomal subunits regulated reciprocally by interferon gamma." Hisamatsu H., Shimbara N., Saito Y., Kristensen P., Hendil K.B., Fujiwara T., Takahashi E., Tanahashi N., Tamura T., Ichihara A., Tanaka K. J. Exp. Med. 183:

Note: This product is for in vitro research use only