20S Proteasome alpha 6 antibody

Catalog No: #23059

Orders: order@signalwayantibody.com
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Description

Product Name	20S Proteasome alpha 6 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 244 of 20S Proteasome alpha 6
Target Name	20S Proteasome alpha6
Accession No.	Swiss-Prot:P60900Gene ID:5687
Uniprot	P60900
GeneID	5687;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

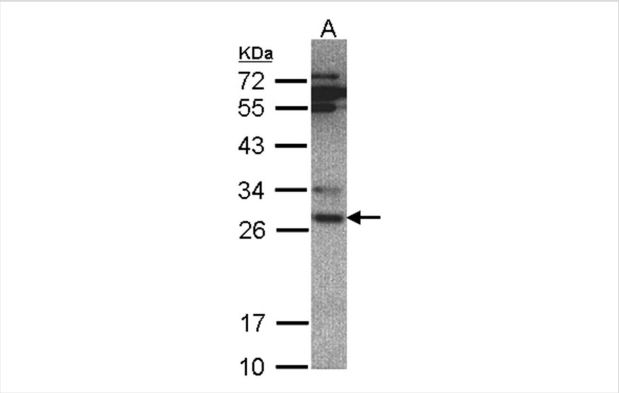
Application Details

Predicted MW: 27kd

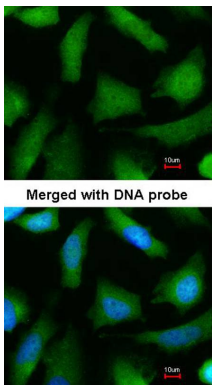
Western blotting: 1:500-1:3000

Immunofluorescence: 1:100-1:200

Images



Sample(30 ug whole cell lysate)
A: Hep G2
7.5% SDS PAGE
Primary antibody diluted at 1: 500



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using 20S Proteasome alpha 6 antibody at 1: 200 dilution.

Background

The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the peptidase T1A family, that is a 20S core alpha subunit. A pseudogene has been identified on the Y chromosome. [provided by RefSeq]

Note: This product is for in vitro research use only