PSMB2 Polyclonal Antibody

Catalog Number:E-AB-64757

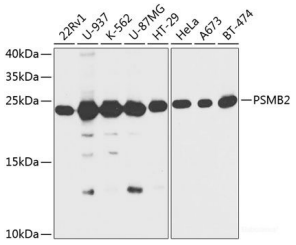
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human
Immunogen	Recombinant fusion protein of human PSMB2 (NP_002785.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200
IF	1:50-1:200

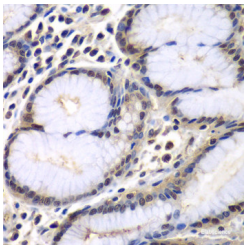
Data



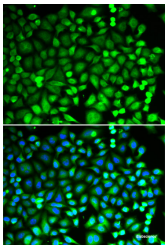
Western blot analysis of extracts of various cell lines using PSMB2 Polyclonal Antibody at dilution of 1:1000.

Observed Mw:23kDa

Calculated Mw:22kDa



Immunohistochemistry of paraffin-embedded Human colon using PSMB2 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of MCF-7 cells using PSMB2 Polyclonal Antibody

Preparation & Storage

Storage	Store at -20°C. Avoid freeze / thaw cycles.

Background

The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core

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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 proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

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