abcam

Product datasheet

Anti-Proteasome 20S beta 3 antibody ab88665

3 Images

Overview

Product name	Anti-Proteasome 20S beta 3 antibody
Description	Mouse polyclonal to Proteasome 20S beta 3
Host species	Mouse
Tested applications	**Suitable for:** WB, ICC/IF
Species reactivity	**Reacts with:** Human
Immunogen	Full length protein corresponding to Human Proteasome 20S beta 3. Database link: **P49720**
Positive control	Human liver tissue lysate. Proteasome 20S beta 3 transfected 293T cell lysate. HeLa cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 1X PBS, pH 7.2
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab88665 in the following tested applications.

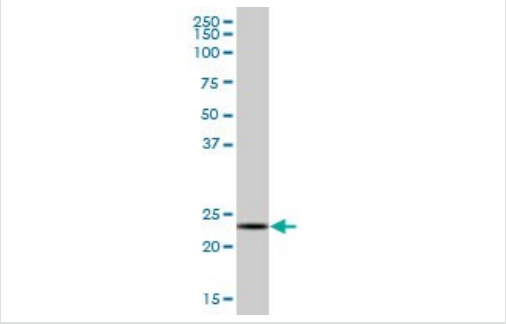
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 23 kDa.
ICC/IF		Use a concentration of 10 µg/ml.

Target

Function	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.
Sequence similarities	Belongs to the peptidase T1B family.
Cellular localization	Cytoplasm. Nucleus.

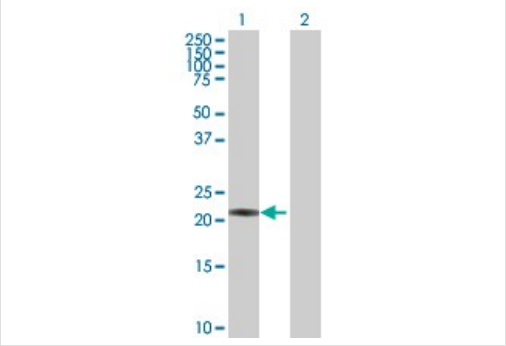
Images



Western blot - Anti-Proteasome 20S beta 3 antibody (ab88665)

Anti-Proteasome 20S beta 3 antibody (ab88665) at 1 µg/ml + human liver tissue lysate at 50 µg

Predicted band size: 23 kDa
Observed band size: 23 kDa



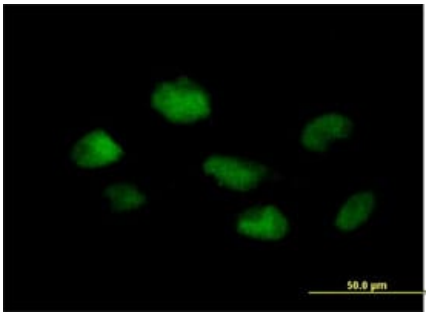
Western blot - Anti-Proteasome 20S beta 3 antibody (ab88665)

All lanes : Anti-Proteasome 20S beta 3 antibody (ab88665) at 1 µg/ml

Lane 1 : Proteasome 20S beta 3 transfected 293T cell lysate
Lane 2 : Non transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Predicted band size: 23 kDa
Observed band size: 22 kDa



Immunocytochemistry/ Immunofluorescence - Anti-Proteasome 20S beta 3 antibody (ab88665)

ab88665, at 10 µg/ml, staining Proteasome 20S beta 3 in Hela cells by Immunofluorescence.

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