

# Product Datasheet

## Proteasome 20S alpha 3 Antibody - BSA Free NBP1-92293

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

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**NBP1-92293**

Proteasome 20S alpha 3 Antibody - BSA Free

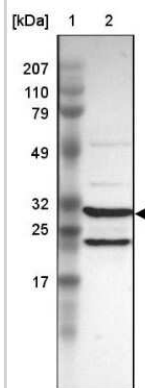
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Proteasome 20S alpha 3 Antibody - BSA Free (NBP1-92293) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Proteasome 20S alpha 3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5684
Gene Symbol	PSMA3
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: FRSNFGYNIPLKHLADRVAMYVHAYTLYSAVRPFGCSFMLGSYSVNDGAQLYM IDPSGVSYGYWGCAIGKARQAAKTEIEKLQMKEMTCRDIVKEVAKIIVHDEVK DKAFELELSWVGELTNGRHEIVPKDIREEAKEYAKESL

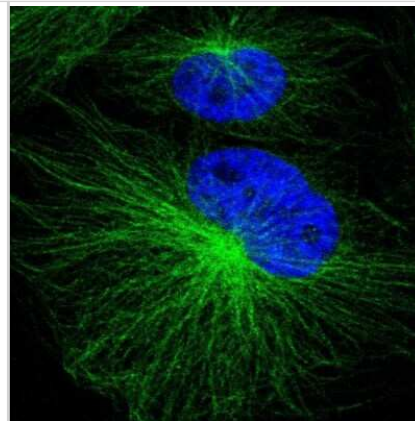
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

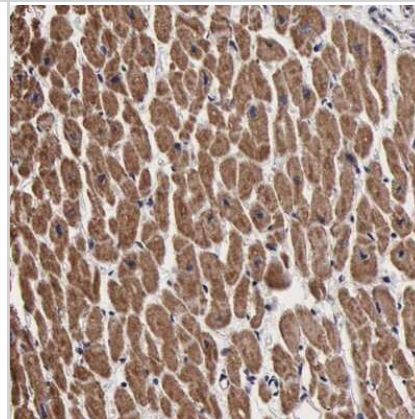
Western Blot: Proteasome 20S alpha 3 Antibody [NBP1-92293] - Lane 1: Marker [kDa] 207, 110, 79, 49, 32, 25, 17. Lane 2: Human cell line RT-4



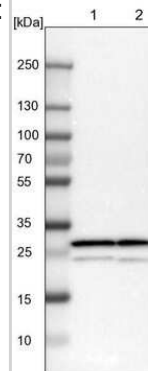
Immunocytochemistry/Immunofluorescence: Proteasome 20S alpha 3 Antibody [NBP1-92293] - Staining of human cell line U-251 MG shows localization to microtubules. Antibody staining is shown in green.



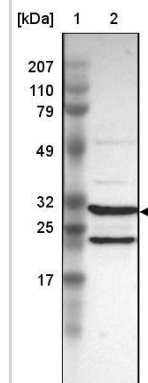
Immunohistochemistry-Paraffin: Proteasome 20S alpha 3 Antibody [NBP1-92293] - Staining of human heart muscle shows moderate cytoplasmic positivity in myocytes.



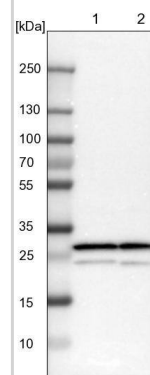
Western Blot: Proteasome 20S alpha 3 Antibody [NBP1-92293] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



Lane 1: Marker [kDa] 207, 110, 79, 49, 32, 25, 17  
Lane 2: Human cell line RT-4



Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)  
Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)



## Publications

Stadler C, Hjelmare M, Neumann B et al. Systematic validation of antibody binding and protein subcellular localization using siRNA and confocal microscopy. *J Proteomics* 2012-04-03 [PMID: 22361696]



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### **Products Related to NBP1-92293**

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NBP1-92293PEP	Proteasome 20S alpha 3 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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