

Product Datasheet

Proteasome 20S alpha 5 Antibody - BSA Free NBP1-86838

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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NBP1-86838

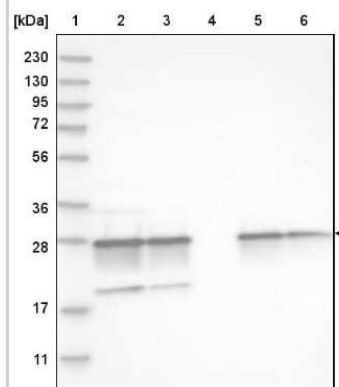
Proteasome 20S alpha 5 Antibody - BSA Free

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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	5686
Gene Symbol	PSMA5
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ARAIGSASEGAQSSLQEVYHKSM TLKEAIKSSLILKQVMEEKLNATNIELATVQP GQNFHMF TKEELEEVIKDI
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF fixation permeabilization: PFA/Triton X-100.

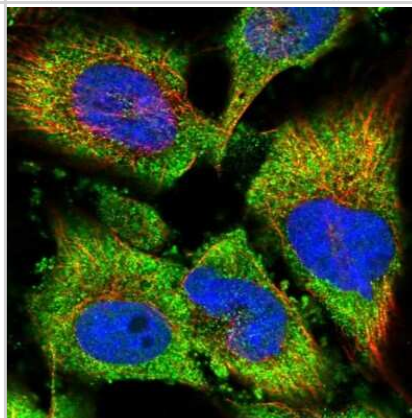


Images

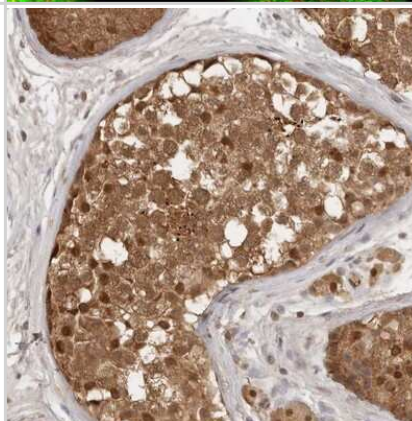
Western Blot: Proteasome 20S alpha 5 Antibody [NBP1-86838] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



Immunocytochemistry/Immunofluorescence: Proteasome 20S alpha 5 Antibody [NBP1-86838] - Staining of human cell line U-251 MG shows localization to cytosol. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: Proteasome 20S alpha 5 Antibody [NBP1-86838] - Staining of human testis shows distinct nuclear and cytoplasmic positivity in seminiferous duct cells.



Publications

Carrettiero DC, Almeida MC, Longhini AP et al. Stress routes clients to the proteasome via a BAG2 ubiquitin-independent degradation condensate Nature communications 2022-06-02 [PMID: 35654899] (ICC/IF, Human)



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Products Related to NBP1-86838

NBP1-86838PEP	Proteasome 20S alpha 5 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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