

Product Datasheet

S100A3 Antibody NBP1-87101

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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NBP1-87101

S100A3 Antibody

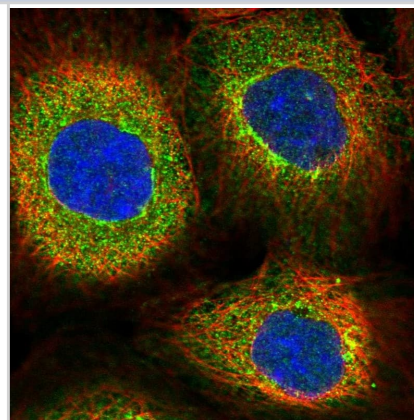
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	6274
Gene Symbol	S100A3
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids:KELATWTPTEFREC DYNKFMSVLDTNKDCEVDFVEYVRS LACLCLYCHE YFKD

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
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. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

Staining of human cell line A-431 shows localization to cytosol.



Publications

Kang M, Lee HS, Lee YJ et al. S100A3 Suppression Inhibits In Vitro and In Vivo Tumor Growth and Invasion of Human Castration-resistant Prostate Cancer Cells. *Urology*. 2015-01-01 [PMID: 25440760] (WB, Human)

Details:

S100A3 antibody used for WB analysis of lysates of PNT2 (normal prostate cancer cell), LNCaP (hormone-sensitive human prostate cancer cells), DU145 and PC3 cells (human Castration-resistant Prostate Cancer Cells/CRPCs) - DU145 and PC3 cells showed highest expression of S100A3 protein (Figure 1B). Antibody also used on DU145 and PC3 cells treated or not with mock, scramble-si or S100A3-si RNA (Figure 1B, 3A, Supplementary Figure 1B, Supplementary Figure 2B).





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Products Related to NBP1-87101

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP1-72324-0.1mg	Recombinant Human S100A3 His Protein
NBL1-15655	S100A3 Overexpression Lysate

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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