

# Product Datasheet

## S100A13 Antibody - BSA Free NBP1-86039

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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**NBP1-86039**

S100A13 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

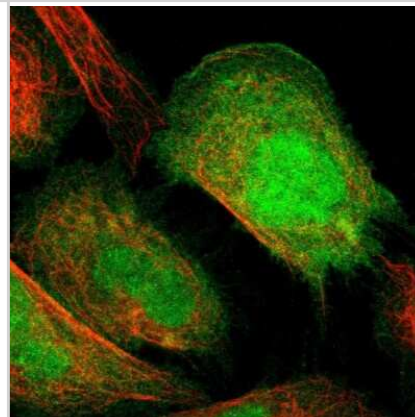
Product Description	
Description	Novus Biologicals Rabbit S100A13 Antibody - BSA Free (NBP1-86039) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-S100A13 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6284
Gene Symbol	S100A13
Species	Human, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 24722184). Mouse (82%%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ELEESIETVVTFFTFARQEGRKDSLVSNEFKELVTQQLPHLLKDVGSLDEKMK SLDVNQDSELKFNEYWRLIGELAKEIRKKKDLKI

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	IHC, WB reported in scientific literature (PMID: 24722184). For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

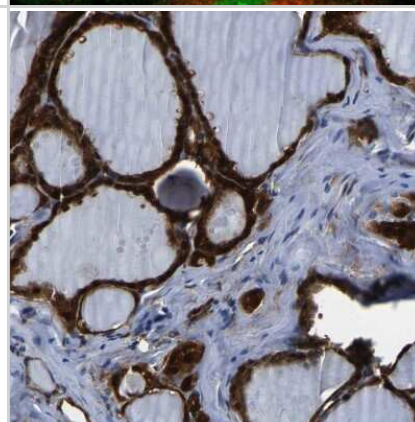


## Images

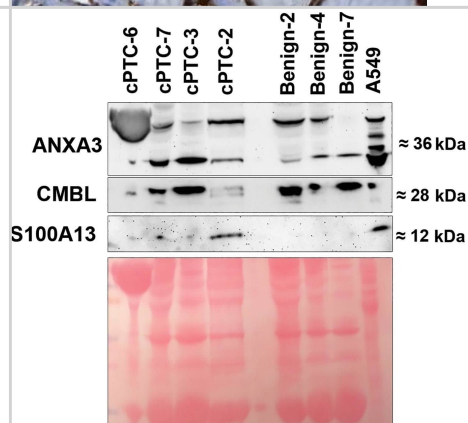
Immunocytochemistry/Immunofluorescence: S100A13 Antibody [NBP1-86039] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleus, plasma membrane & cytosol. Antibody staining is shown in green.



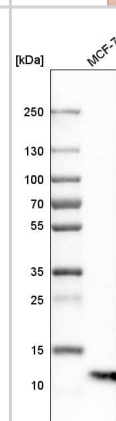
Immunohistochemistry-Paraffin: S100A13 Antibody [NBP1-86039] - Staining of human thyroid gland shows strong cytoplasmic and nuclear positivity in glandular cells.



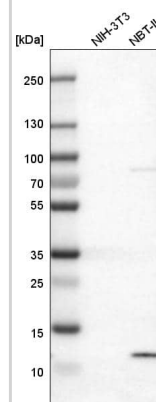
Western blot analyses of ANXA3, CMBL & S100A13 expression. Depleted cyst fluids from cPTCs & benign lesions are shown together with total protein extract from A549 cells. Protein sizes are indicated to the right in kDa. Ponceau S solution used as loading control is shown below. Image collected & cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pone.0126472>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Analysis in human cell line MCF-7.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



## Publications

Dinets A, Pernemalm M, Kjellin H et al. Differential Protein Expression Profiles of Cyst Fluid from Papillary Thyroid Carcinoma and Benign Thyroid Lesions. PLoS One. 2015-05-15 [PMID: 25978681] (IF/IHC, WB, Human)

Azimi A, Pernemalm M, Frostvik Stolt M et al. Proteomics analysis of melanoma metastases: association between S100A13 expression and chemotherapy resistance. Br J Cancer 2014-05-13 [PMID: 24722184] (WB, IF/IHC)



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### **Products Related to NBP1-86039**

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NBP1-86039PEP	S100A13 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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