

# Product Datasheet

## S100A7/Psoriasis Antibody

### NB100-40802

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-40802**

S100A7/Psoriasin Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

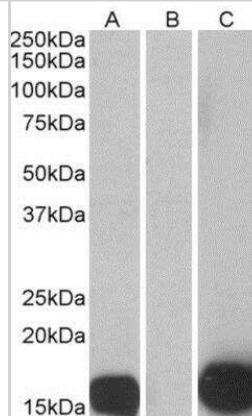
Product Description	
Host	Goat
Gene ID	6278
Gene Symbol	S100A7
Species	Human
Immunogen	Peptide with sequence C-HKYTRRDDKIDKP corresponding to internal region according to NP_002954.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 3.75 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 15 kDa band observed in human skin lysates (calculated MW of 11.5 kDa band according to NP_002954.1). In transfected HEK293 transiently expressing full-length human S100A7 (myc and DYKDDDDK tagged), a band of approx. 16 kDa band was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-myc tag antibody. approx. 15 kDa band was also observed in human skin lysates (calculated MW of 11.5 kDa band according to NP_002954.1). IHC: Paraffin embedded Human Tonsil.

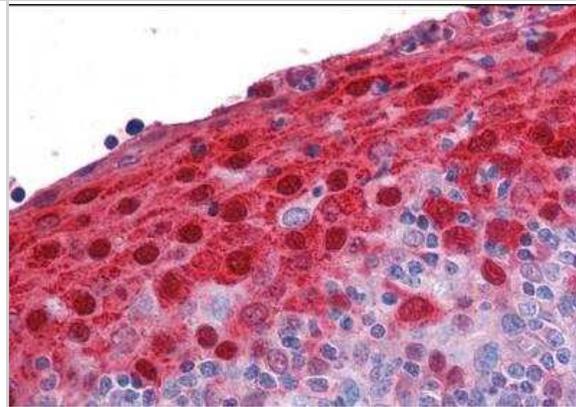


## Images

Western Blot: S100A7/Psoriasisin Antibody [NB100-40802] - HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human S100A7 with C-terminal MYC tag probed with (0.5ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK2993 probed with (1mg/ml) in Lane B.



Immunohistochemistry-Paraffin: S100A7/Psoriasisin Antibody [NB100-40802] - Staining of Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot: S100A7/Psoriasisin Antibody [NB100-40802] - Analysis of human skin lysate (35ug protein in RIPA buffer) using psoriasisin antibody at 0.1ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.



## Publications

Webb M, Emberley ED, Lizardo M et al. Expression analysis of the mouse S100A7/psoriasisin gene in skin inflammation and mammary tumorigenesis. BMC Cancer 2005-02-17 [PMID: 15717926]



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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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