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S100A3 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11974

Product Information

Application	WB, IHC
Primary Accession	P33764
Other Accession	NM_002960, NP_002951
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Mouse, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	11713

Additional Information

Gene ID	6274
Alias Symbol	S100E
Other Names	Protein S100-A3, Protein S-100E, S100 calcium-binding protein A3, S100A3, S100E
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-S100A3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	S100A3 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

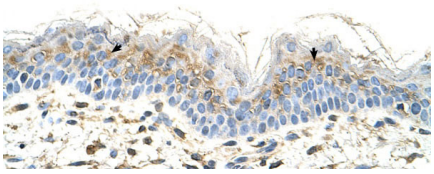
Protein Information

Name	S100A3
Synonyms	S100E
Function	Binds both calcium and zinc. May be involved in calcium- dependent cuticle cell differentiation, hair shaft and hair cuticular barrier formation.
Cellular Location	Cytoplasm.
Tissue Location	Skin specific, specifically expressed at the inner endocuticle of hair fibers.

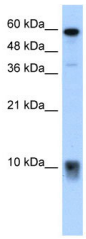
References

Kizawa,K., (2002) Biochem. Biophys. Res. Commun. 299 (5), 857-862Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-S100A3 Antibody
Paraffin Embedded Tissue: Human Skin
Cellular Data: Squamous epithelial cells
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X



WB Suggested Anti-S100A3 Antibody Titration: 5.0µg/ml
Positive Control: OVCAR-3 cell lysate
S100A3 is supported by BioGPS gene expression data to be expressed in OVCAR3

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.