

**S100A3 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI11974**

**Specification**

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**S100A3 antibody - N-terminal region - Product Information**

Application	IHC, WB
Primary Accession	<a href="#">P33764</a>
Other Accession	<a href="#">NM_002960</a> , <a href="#">NP_002951</a>
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Predicted Host	Mouse, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 11kDa KDa

**S100A3 antibody - N-terminal region - 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.

**S100A3 antibody - N-terminal region - 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

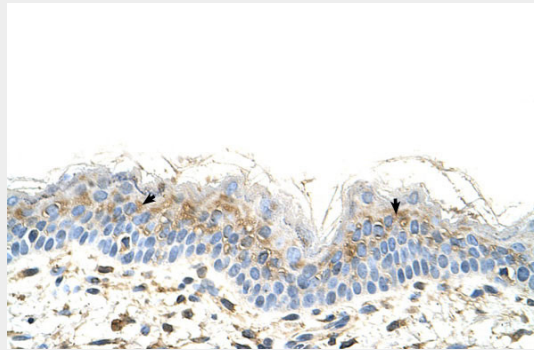
Skin specific, specifically expressed at the inner endocuticle of hair fibers.

### S100A3 antibody - N-terminal region - Protocols

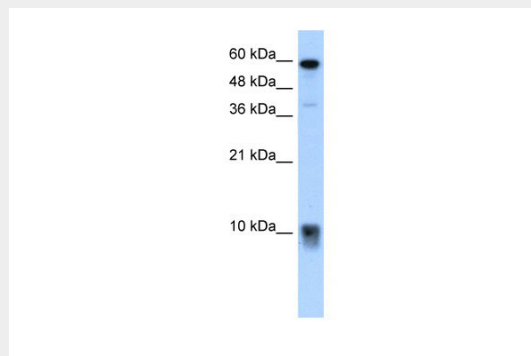
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### S100A3 antibody - N-terminal region - Images



Rabbit Anti-S100A3 Antibody  
Paraffin Embedded Tissue: Human Skin  
Cellular Data: Squamous epithelial cells  
Antibody Concentration: 4.0-8.0  $\mu\text{g/ml}$   
Magnification: 400X



WB Suggested Anti-S100A3 Antibody Titration: 5.0  $\mu\text{g/ml}$   
Positive Control: OVCAR-3 cell lysate  
S100A3 is supported by BioGPS gene expression data to be expressed in OVCAR3

### S100A3 antibody - N-terminal region - References

Kizawa, K., (2002) Biochem. Biophys. Res. Commun. 299 (5), 857-862 Reconstitution 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.