

Anti-S-100A3 antibody



Description	Rabbit polyclonal to S-100A3.
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Model	STJ95565
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human S-100A3
Immunogen Region	40-120 aa, Internal
Gene ID	6274
Gene Symbol	S100A3
Dilution range	IHC 1:100-1:300ELISA 1:40000
Specificity	S-100A3 Polyclonal Antibody detects endogenous levels of S-100A3 protein.
Tissue Specificity	Skin specific, specifically expressed at the inner endocuticle of hair fibers.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Protein S100-A3 Protein S-100E S100 calcium-binding protein A3
Molecular Weight	11.713 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:10493 OMIM:176992
Alternative Names	Protein S100-A3 Protein S-100E S100 calcium-binding protein A3
Function	Binds both calcium and zinc. May be involved in calcium-dependent cuticle cell differentiation, hair shaft and hair cuticular barrier formation.
Cellular Localization	Cytoplasm
Post-translational Modifications	More than half of the arginine residues undergo citrullination by PAD1 and PAD2. Arg-51 is specifically citrullinated by PAD3 and promotes tetramerization.

St John's Laboratory Ltd

F +44 (0)207 681 2580

W <http://www.stjohnslabs.com/>

T +44 (0)208 223 3081

E info@stjohnslabs.com