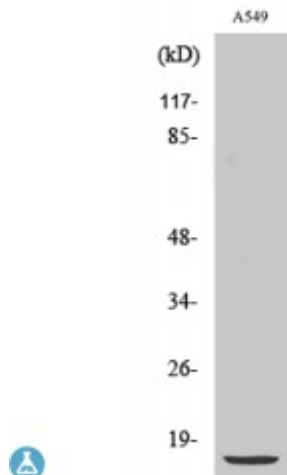


Anti-S-100 alpha antibody



Description	Rabbit polyclonal to S-100 alpha.
Model	STJ95562
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human S-100 alpha
Immunogen Region	10-90 aa, N-terminal
Gene ID	6271
Gene Symbol	S100A1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000
Specificity	S-100 alpha Polyclonal Antibody detects endogenous levels of S-100 alpha protein.
Tissue Specificity	Highly prevalent in heart. Also found in lesser quantities in skeletal muscle and brain.
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-A1 S-100 protein alpha chain S-100 protein subunit alpha S100 calcium-binding protein A1
Molecular Weight	10 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:10486OMIM:176940
Alternative Names	Protein S100-A1 S-100 protein alpha chain S-100 protein subunit alpha S100 calcium-binding protein A1
Function	Probably acts as a Ca(2+) signal transducer . In response to an increase in intracellular Ca(2+) levels, binds calcium which triggers a conformational change . This conformational change allows interaction of S100A with specific target proteins, such as TPR-containing proteins, and the modulation of their activity .
Cellular Localization	Cytoplasm

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

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

E info@stjohnslabs.com