

Rabbit S100 Polyclonal Antibody | anti-S100 antibody

S100 Polyclonal Antibody

CATALOG # AAA173774	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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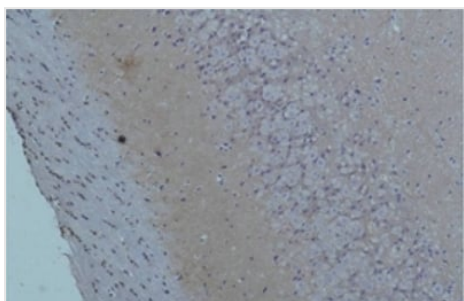
PRODUCT SYNONYMS

S100; Polyclonal Antibody; S100 Polyclonal Antibody; S100A1; S100A; Protein S100-A1; S-100 protein alpha chain; S-100 protein subunit alpha; S100 calcium-binding protein A1; anti-S100 antibody

PRODUCT SPECIFICATIONS

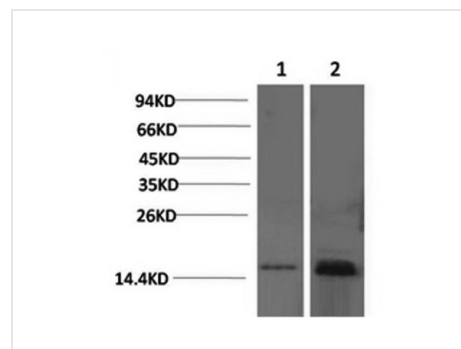
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	94
Applicable Applications for anti-S100 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Protein
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat brain tissue using S100 Polyclonal Antibody at dilution of 1:200.



WB (Western Blot)

Western Blot analysis of 1) 293T, 2) Mouse brain using S100 Polyclonal Antibody at dilution of 1:2000.

ADDITIONAL INFORMATION

Related Product Information for anti-S100 antibody	The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in stimulation of Ca2+-induced Ca2+ release, inhibition of microtubule assembly, and inhibition of protein kinase C-mediated phosphorylation. Reduced expression of this protein has been implicated in cardiomyopathies.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5454032
NCBI GeneID	6271
NCBI Accession #	NP_006262.1
NCBI GenBank Nucleotide #	NM_006271.1
UniProt Accession #	P23297; Q5T7Y3; B2R5D9
Molecular Weight	15kDa
NCBI Official Full Name	protein S100-A1
NCBI Official Synonym Full Names	S100 calcium binding protein A1
NCBI Official Symbol	S100A1
NCBI Official Synonym Symbols	S100; S100A; S100-alpha
NCBI Protein Information	protein S100-A1
UniProt Protein Name	Protein S100-A1
UniProt Gene Name	S100A1
UniProt Synonym Gene Names	S100A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/s100-antibody-immunohistochemistry-western-blot-elisa/173774>