

Rabbit anti-Mouse, Rat S100B Polyclonal Antibody | anti-S100B antibody

S100B Polyclonal Antibody

CATALOG # AAA179785	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry
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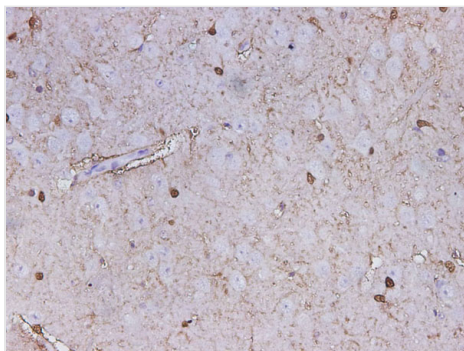
PRODUCT SYNONYMS

S100B; Polyclonal Antibody; S100B Polyclonal Antibody; NEF; Protein S100 B; S 100 calcium binding protein beta chain; S100 protein beta chain; S-100 protein subunit beta; S100; S100 calcium-binding protein B; S100beta; anti-S100B antibody

PRODUCT SPECIFICATIONS

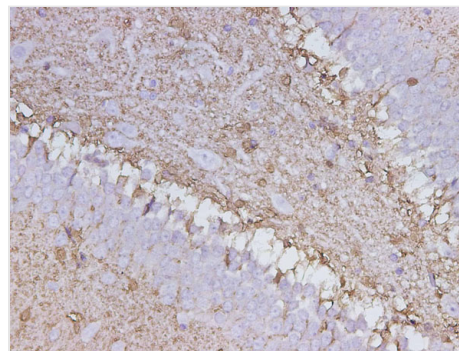
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH 7.4
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-S100B antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant Mouse S100B protein expressed by E coli
Preparation and Storage	Store at -20 degree C Valid for 12 months. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse brain using S100B Polyclonal Antibody at dilution of 1:150



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat brain using S100B Polyclonal Antibody at dilution of 1:150

ADDITIONAL INFORMATION

Related Product Information for anti-S100B 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; however, this gene is located at 21q22.3. This protein may function in Neurite extension, proliferation of melanoma cells, stimulation of Ca2+ fluxes, inhibition of PKC-mediated phosphorylation, astrocytosis and axonal proliferation, and inhibition of microtubule assembly.
Product Categories/Family for anti-S100B antibody	Polyclonal Antibodies ; Primary Antibodies ; Polyclonal Antibodies ; Cell Biology ; Epigenetics and Nuclear Signaling ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	6677839
NCBI GeneID	20203
NCBI Accession #	NP_033141.1
NCBI GenBank Nucleotide #	NM_009115.3
UniProt Accession #	P50114
Molecular Weight	10,728 Da
NCBI Official Full Name	protein S100-B
NCBI Official Synonym Full Names	S100 protein, beta polypeptide, neural
NCBI Official Symbol	S100b
NCBI Official Synonym Symbols	Bpb; AI850290
NCBI Protein Information	protein S100-B; S-100 protein beta chain; S-100 protein subunit beta; S100 calcium-binding protein B
UniProt Protein Name	Protein S100-B
UniProt Gene Name	S100b
UniProt Entry Name	S100B_MOUSE

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/s100b-antibody-immunohistochemistry-elisa/179785>