

Rabbit S100B Polyclonal Antibody | anti-S100B antibody

S100B Polyclonal Antibody

CATALOG # AAA179755	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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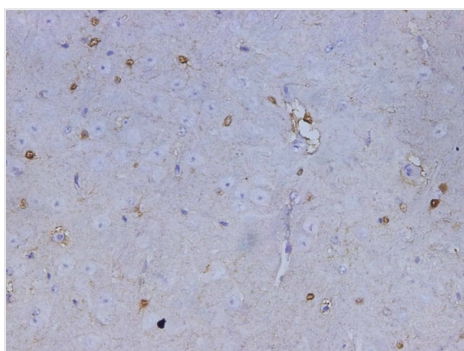
PRODUCT SYNONYMS

S100B; Polyclonal Antibody; S100B Polyclonal Antibody; NEF; Protein S100 B; Protein S100-B; S 100 calcium binding protein beta chain; S 100 protein beta chain; S-100 protein beta chain; S-100 protein subunit beta; S100; S100 calcium binding protein beta (neural); S100 calcium-binding protein B; S100 protein beta chain; S100B_HUMAN; S100beta; anti-S100B antibody

PRODUCT SPECIFICATIONS

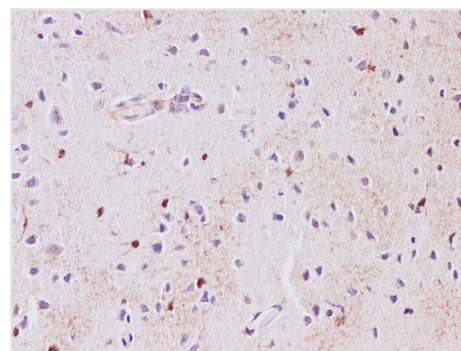
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH 7.4
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-S100B antibody	IHC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

IMAGES



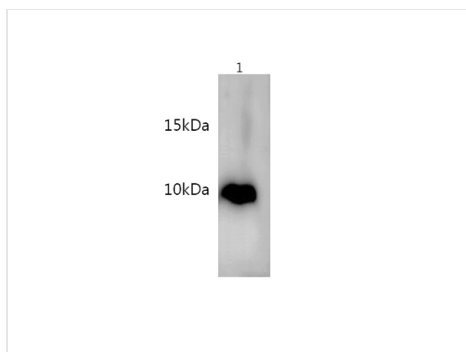
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse brain using S100B Polyclonal Antibody at dilution of 1:500



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat brain using S100B Polyclonal Antibody at dilution of 1:500



WB (Western Blot)

Western blot with anti-S100B polyclonal Antibody at dilution of 1:500.lane 1: Rat brain tissue

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 Ca ²⁺ fluxes, inhibition of PKC-mediated phosphorylation, astrocytosis and axonal proliferation, and inhibition of microtubule assembly. Chromosomal rearrangements and altered expression of this gene have been implicated in several neurological, neoplastic, and other types of diseases, including Alzheimer's disease, Down's syndrome, epilepsy, amyotrophic lateral sclerosis, melanoma, and type I diabetes.
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 #	6981498
NCBI GeneID	25742
NCBI Accession #	NP_037323.1
NCBI GenBank Nucleotide #	NM_013191.1
UniProt Accession #	P04631
Molecular Weight	10,744 Da
NCBI Official Full Name	protein S100-B
NCBI Official Synonym Full Names	S100 calcium binding protein B
NCBI Official Symbol	S100b
NCBI Official Synonym Symbols	S100P
NCBI Protein Information	protein S100-B
UniProt Protein Name	Protein S100-B
UniProt Gene Name	S100b
UniProt Entry Name	S100B_RAT

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-western-blot-elisa/179755>