

Anti-S100B Antibody

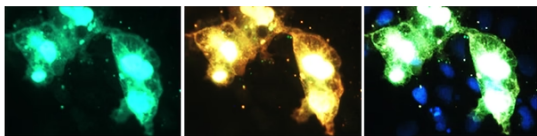


Product Details

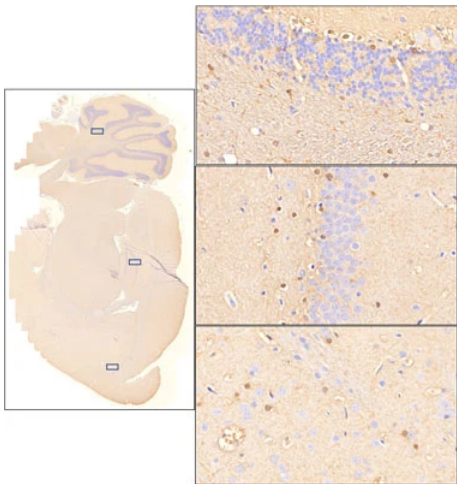
Available Variants	500 µL (SKU:S100B-0100) 100 µL (SKU:S100B-0020)
Isotype	IgY
Gene Name	S100B
Host Species	Chicken
Concentration	0.2 mg/ml
Format	Affinity-Purified IgY
Physical State	Liquid
Buffer	Phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline ("PBS," pH 7.2) with sodium azide (0.02%, w/v) added as a preservative.
Production Notes	Eggs from hens hyperimmunized with target were used to prepare an IgY fraction which was then subjected to antigen-specific affinity purification.
Applications	ICC, IHC, WB
Dilution Ranges	WB: 1:500-1:1000 IHC: 1:500-1:1000 ICC: 1:100-1:500
Species Reactivity	Human, Mouse, Rat
Immunogen	His tagged full length protein
Specificity	No cross-reactivity reported.
Molecular Weight	14 kDa
Quality Control	Each new lot of this antibody is tested in WB to confirm that it recognizes a single immunoreactive band of expected molecular weight when used to probe brain lysate.

Storage	Store at 4°C in the dark. Under these conditions, the antibodies should have a shelf life of at least twelve months, provided they remain sterile. For longer term storage, aliquot and freeze to avoid freeze-thaw of the antibody.
Antibody Registry ID	AB_2943661
Country of Origin	United States
Shipping	Ice packs
Expiration	12 months from receipt of product
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

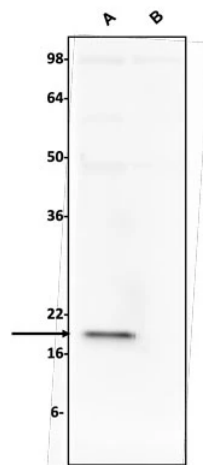
Product Images



Immunofluorescent staining of COS-7 cells expressing S100B-flag using Aves Labs anti-S100B antibody (green) and rabbit anti-flag (red). DAPI nuclear stain (blue) shows nuclei of both transfected and untransfected cells. Staining shows 100% correspondence between chicken anti-S100B signal and anti-flag in transfected cells.



Sagittal section of formalin fixed, paraffin-embedded rat brain showing staining of S100B. Images at right show higher magnification of indicated areas of interest (cerebellum, hippocampus, and cortex). Sections were stained with Aves Labs anti-S100B antibody at 1:500 dilution and detected with anti-chicken HRP.



Western blotting of A) S100B-flag transfected COS-7 cell lysate (10 µg/lane) or B) mock transfected COS-7 cell lysate (10 µg/lane) and stained with Aves Labs anti-S100B antibody (2 µg/ml).

Product Page URL: www.antibodiesinc.com/products/anti-s100b-antibody-s100b



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