

S100B Antibody

CAB0676

Description

This S100B Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB0676

Contents: 20 μ L, 100 μ L
Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: NEF, S100, S100-B, S100beta, S100B

Clone: -

Applications: **WB** **IHC-P** **IP** **ELISA** **IF-P**

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 6285

Uniprot: AB_2757328

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 11kDa

Calculated MW: 11kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

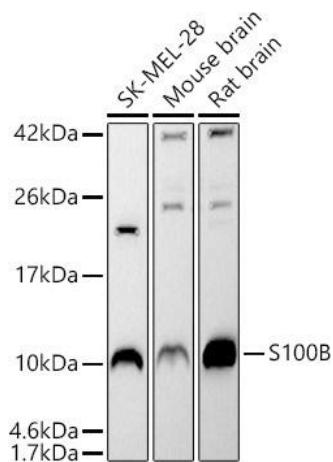
Positive Sample: SK-MEL-28, Mouse brain, Rat brain

Recommended Dilutions:

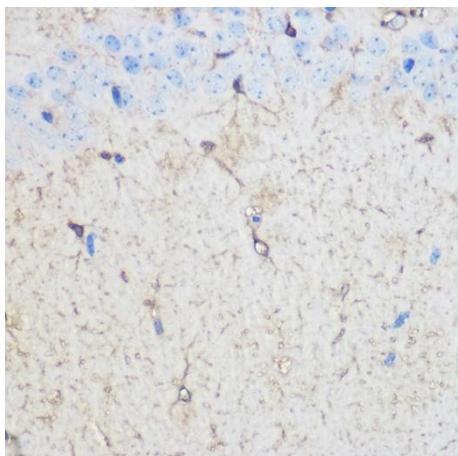
WB	1:500 - 1:1000
IP	0.5µg-4µg antibody for 400µg-600µg extracts of whole cells
IF-P	1:50 - 1:200
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

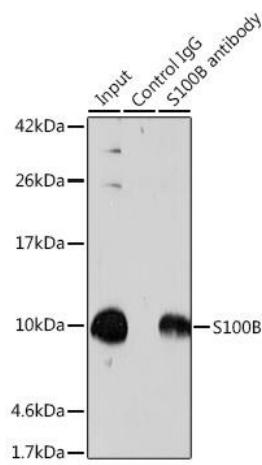
Validation Data



Western blot analysis of various lysates using S100B Rabbit pAb (CAB0676) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates / proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using S100B Rabbit pAb (CAB0676) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunoprecipitation analysis of 600 µg extracts of Mouse brain cells using 3 µg S100B antibody (CAB0676). Western blot was performed from the immunoprecipitate using S100B antibody (CAB0676) at a dilution of 1:500.