

S100A8 Rabbit pAb

Catalog NO.: A20474 **1 Publications**

Basic Information

Observed MW

11kDa

Calculated MW

10kDa

Category

Polyclonal Antibodies

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Mouse, Rat

Conjugation

Unconjugated

Background

Predicted to enable calcium ion binding activity and calcium-dependent protein binding activity. Acts upstream of or within astrocyte development and positive regulation of peptide secretion. Predicted to be located in cytosol and intermediate filament cytoskeleton. Predicted to be active in extracellular space. Is expressed in several structures, including bone marrow; extraembryonic component; female reproductive system; and liver. Human ortholog(s) of this gene implicated in myocarditis. Orthologous to human S100A8 (S100 calcium binding protein A8).

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

20201

Swiss Prot

P27005

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

p8; B8Ag; CFAg; Caga; MRP8; CP-10; 60B8Ag; S100A8

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

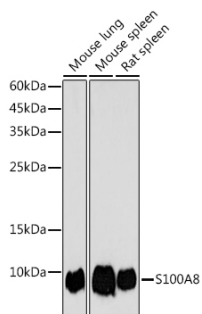
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using S100A8 Rabbit pAb (A20474) at 1:1000 dilution.

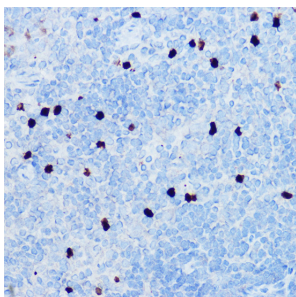
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

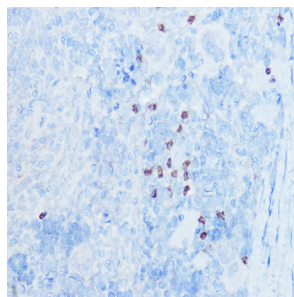
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen using S100A8 Rabbit pAb (A20474) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen using S100A8 Rabbit pAb (A20474) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

