

Product Datasheet

S100 alpha Antibody

Catalog No: CY9809

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: P23297

All Names: Bpb; NEF; S100 alpha; S100; S100 Beta Chain; S100A; s100a1;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 10kDa

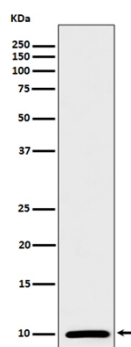
Application

WB 1:500~1:2000

IHC 1:50~1:200

Background

Weakly binds calcium but binds zinc very tightly-distinct binding sites with different affinities exist for both ions on each monomer. Physiological concentrations of potassium ion antagonize the binding of both divalent cations, especially affecting high-affinity calcium-binding sites.



Western blot analysis of S100 alpha expression in mouse heart lysate.

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