

Product Name: S100A10 (14G7) Rabbit Monoclonal Antibody
Catalog #: AMRe17465



Summary

Production Name	S100A10 (14G7) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	S100A10
Alternative Names	Protein S100-A10; Calpactin I light chain; Calpactin-1 light chain; S100A10; ANX2LG; CAL1L; CLP11;
Gene ID	6281.0
SwissProt ID	P60903.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	11kDa

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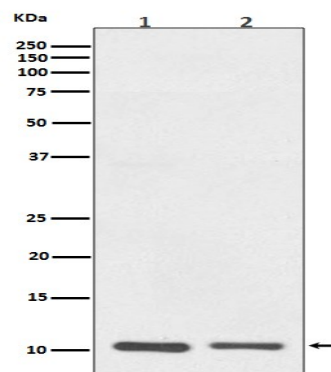


Background

S100A10 acts as a cellular chaperone for hepatitis B (Hep B) virus polymerase. Hep B virus polymerase normally localizes to the cytoplasm only, though in the presence of S-100A10 a portion relocates to the nucleus, implying a role for S100A10 and intracellular calcium in the process of viral replication. Because S100A10 induces the dimerization of ANXA2/p36, it may function as a regulator of protein phosphorylation in that the ANXA2 monomer is the preferred target (in vitro) of tyrosine-specific kinase.

Research Area

Image Data



Western blot analysis of S100A10 expression in (1) A431 cell lysate; (2) RAW264.7 cell lysate.

Note

For research use only.