

# S100A10 Antibody

Rabbit mAb

Catalog # AP91078

## Product Information

<b>Application</b>	WB, IHC
<b>Primary Accession</b>	<a href="#">P60903</a>
<b>Reactivity</b>	Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	Protein S100-A10; Calpactin I light chain; Calpactin-1 light chain; S100A10; ANX2LG; CAL1L; CLP11;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	11203

## Additional Information

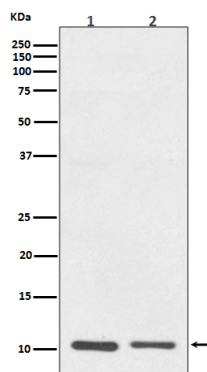
<b>Dilution</b>	WB 1:500~1:2000 IHC 1:100~1:500
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human S100A10
<b>Description</b>	S100A10 acts as a cellular chaperone for hepatitis B (Hep B) virus polymerase. Hep B virus polymerase normally localizes to 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.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

<b>Name</b>	S100A10
<b>Synonyms</b>	ANX2LG, CAL1L, CLP11
<b>Function</b>	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.

## Images

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



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