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S100A10 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP9090c

Specification

S100A10 Antibody (Center) Blocking Peptide - Product Information

Primary Accession P60903

S100A10 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 6281

Other Names
Protein S100-A10, Calpactin I light chain, Calpactin-1 light chain, Cellular ligand of annexin II, S100 calcium-binding protein A10, p10 protein, p11, S100A10, ANX2LG, CAL1L, CLP11

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP9090c was selected from the Center region of human S100A10. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

S100A10 Antibody (Center) Blocking Peptide - Protein Information

S100A10 Antibody (Center) Blocking Peptide - Background

The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation.

S100A10 Antibody (Center) Blocking Peptide - References

Landa,I., et.al., PLoS Genet. 5 (9), E1000637 (2009)Stemmler,S., et.al., Int. J. Immunogenet. 36 (4), 217-222 (2009)

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Name S100A10

Synonyms ANX2LG, CAL1L, CLP11

Function
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.

S100A10 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides