

S100A11 Antibody (S6)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP2807b

Product Information

Application	WB, E
Primary Accession	P31949
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB16613
Calculated MW	11740
Antigen Region	1-30

Additional Information

Gene ID	6282
Other Names	Protein S100-A11, Calgizzarin, Metastatic lymph node gene 70 protein, MLN 70, Protein S100-C, S100 calcium-binding protein A11, Protein S100-A11, N-terminally processed, S100A11, MLN70, S100C
Target/Specificity	This S100A11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from human S100A11.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	S100A11 Antibody (S6) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	S100A11
Synonyms	MLN70, S100C
Function	Facilitates the differentiation and the cornification of keratinocytes.

Background

S100A11 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. This protein may function in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of S100A11 gene have been implicated in tumor metastasis.

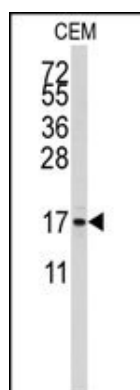
References

Fernandez-Fernandez,M.R., Protein Sci. 17 (10), 1663-1670 (2008)

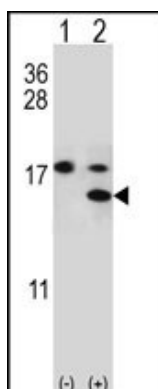
Kouno,T., J. Pept. Sci. 14 (10), 1129-1138 (2008)

Cecil,D.L., J. Immunol. 180 (12), 8378-8385 (2008)

Images



Western blot analysis of anti-S100A11 Antibody (S6) (Cat.#AP2807b) in CEM cell line lysates (35ug/lane). S100A11 (arrow) was detected using the purified Pab.



Western blot analysis of S100A11 (arrow) using rabbit polyclonal S100A11 Antibody (S6) (Cat.#AP2807b). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the S100A11 gene.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.