

For Research Use Only

S100a10 Polyclonal antibody

Catalog Number: 31196-1-AP



Basic Information

Catalog Number:

31196-1-AP

Size:

150ul , Concentration: 650 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35034

GenBank Accession Number:

NM_009112

GeneID (NCBI):

20194

UNIPROT ID:

P08207

Full Name:

S100 calcium binding protein A10 (calpactin)

Calculated MW:

11 kDa

Observed MW:

11 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HaCaT cells, RAW 264.7 cells, mouse lung tissue, mouse spleen tissue

Background Information

S100A10 (also known as p11) is a member of the S100 family of EF-hand-type Ca²⁺-binding proteins and participates in various biological processes. The overexpression of S100A10 and S100A2 in CRCs may be used for prognosis assessment in relapse CRCs after adjuvant 5-fluorouracil (5-Fu) therapy and radical surgery. S100A10 usually associates with annexin A2 (ANXA2, p36) to form a heterotetramer complex (Allt) and is mainly localized to the cell membrane and cytoplasm. (PMID: 34336846)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

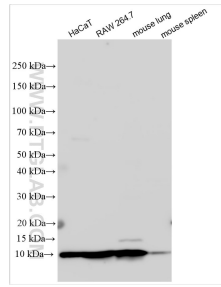
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31196-1-AP (S100a10 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.