



Rabbit Anti-S100A10 antibody

SL8503R

Product Name:	S100A10
Chinese Name:	S100钙Binding proteinA10抗体
Alias:	Alternative names42C; Annexin II ligand; Annexin II ligand, calpactin I, light polypeptide; Annexin II, light chain; ANX2L; ANX2LG; CAL12; CAL1L; Calpactin I light chain; Calpactin I, p11 subunit; Calpactin-1 light chain; Cellular ligand of annexin II; CLP11; GP11; Nerve growth factor-induced protein 42C; p10 antibody p10 protein; p11; Protein S100 A10; Protein S100-A10; S100 calcium binding protein A10 (annexin II ligand, calpactin I, light polypeptide (p11)); S100 calcium binding protein A10 (calpactin); S100 calcium binding protein A10; S100 calcium-binding protein A10; S100a10; S10AA HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	11kDa
Cellular localization:	cytoplasmicThe cell membraneExtracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human S100A10:21-97/97
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed

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.

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.

Subunit:

Heterotetramer containing 2 light chains of S100A10/p11 and 2 heavy chains of ANXA2/p36. Interacts with SCN10A.

Similarity:

Belongs to the S-100 family.

SWISS:

P60903

Gene ID:

6281

Database links:

[Entrez Gene: 6281](#)Human

[Entrez Gene: 20194](#)Mouse

[Omim: 114085](#)Human

[SwissProt: P60903](#)Human

[SwissProt: P08207](#)Mouse

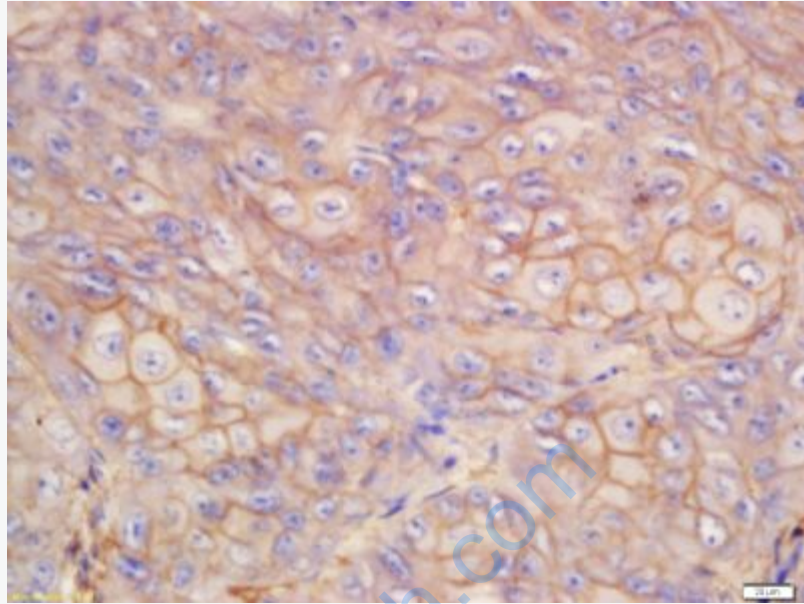
[Unigene: 143873](#)Human

[Unigene: 1](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Product Detail:



Picture:

Tissue/cell: Human laryngeal tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-S100A10 Polyclonal Antibody, Unconjugated(SL8503R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining