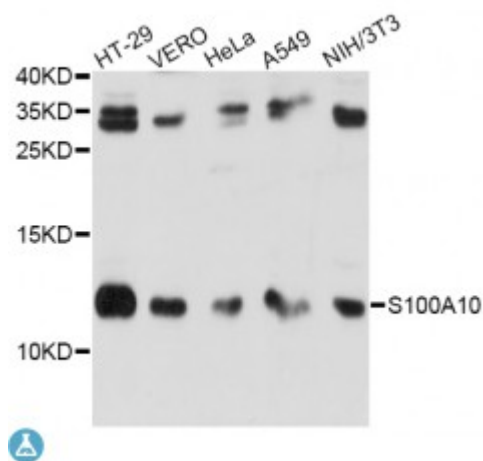


Anti-S100A10 Antibody



Description

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. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in exocytosis and endocytosis.

Model	STJ116864
Host	Rabbit
Reactivity	Human, Mouse, Rat, Simian
Applications	IHC, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-97 of human S100A10 (NP_002957.1).
Gene ID	6281
Gene Symbol	S100A10
Dilution range	WB 1:500 - 1:2000 IHC 1:50 - 1:200
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Protein S100-A10 Calpactin I light chain Calpactin-1 light chain Cellular ligand of annexin II S100 calcium-binding protein A10 p10 protein p11
Molecular Weight	11.203 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:10487 OMIM:114085 Reactome:R-HSA-75205
Alternative 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
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

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