

S-100A10 Polyclonal Antibody

Catalog No: YT4198

Reactivity: Human; Mouse; Rat

Applications: WB;IHC;IF;ELISA

Target: S-100A10

Fields: >>Salmonella infection

Gene Name: S100A10

Protein Name: Protein S100-A10

P60903

P08207

Human Gene Id: 6281

Human Swiss Prot

iuman Swiss Fio

No:

Mouse Gene Id: 20194

Mouse Swiss Prot

No:

Rat Gene Id: 81778

Rat Swiss Prot No: P05943

Immunogen: The antiserum was produced against synthesized peptide derived from human

S-100A10. AA range:3-52

Specificity: S-100A10 Polyclonal Antibody detects endogenous levels of S-100A10 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200

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Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 11kD

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. S100 genes include at least 13 members which are located as a cluster on chromosome 1g21. This protein may function in exocytosis and

endocytosis. [provided by RefSeq, Jul 2008],

Function: 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.,miscellaneous:Does not appear to bind calcium. Contains 2 ancestral calcium site related to EF-hand domains that have lost their ability to bind calcium.,similarity:Belongs to the S-100 family.,subunit:Heterotetramer containing 2 light chains of S100A10/p11 and 2

heavy chains of ANXA2/p36. Interacts with SCN10A.,

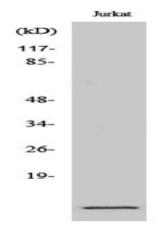
Subcellular Location:

integral component of membrane, extrinsic component of plasma

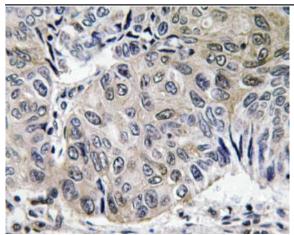
membrane, membrane raft, extracellular exosome,

Expression : Brain, Keratinocyte,

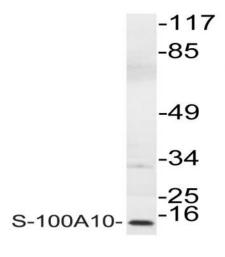
Products Images



Western Blot analysis of various cells using S-100A10 Polyclonal Antibody



Immunohistochemistry analysis of S-100A10 antibody in paraffinembedded human lung carcinoma tissue.



Western blot analysis of lysate from COLO cells, using S-100A10 antibody.