

S-100A10 Rabbit pAb

CatalogNo: YT4198 **Orthogonal Validated** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 11kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

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

Basic Information

Clonality Polyclonal

Immunogen Information

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.

Target Information

Gene name S100A10

Protein Name Protein S100-A10

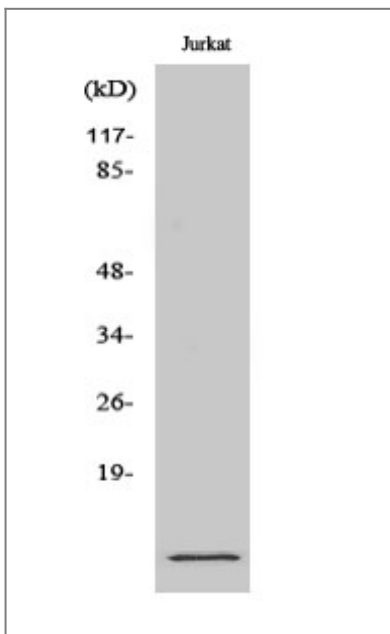
Organism	Gene ID	UniProt ID
Human	6281;	P60903;
Mouse	20194;	P08207;
Rat	81778;	P05943;

Cellular Localization integral component of membrane,extrinsic component of plasma membrane,membrane raft,extracellular exosome,

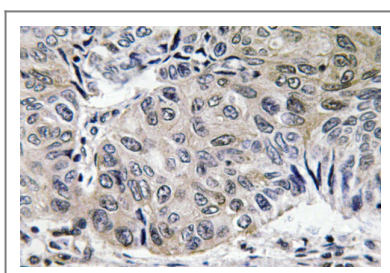
Tissue specificity Brain,Keratinocyte,

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.,

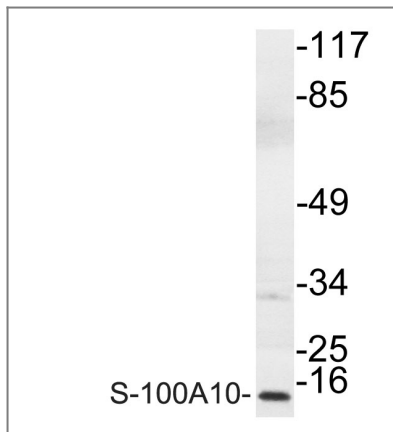
Validation Data



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



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



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

Contact information

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S-100A10 Rabbit pAb

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