

## 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

### Recommended Dilution Ratios

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

### 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.

### 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

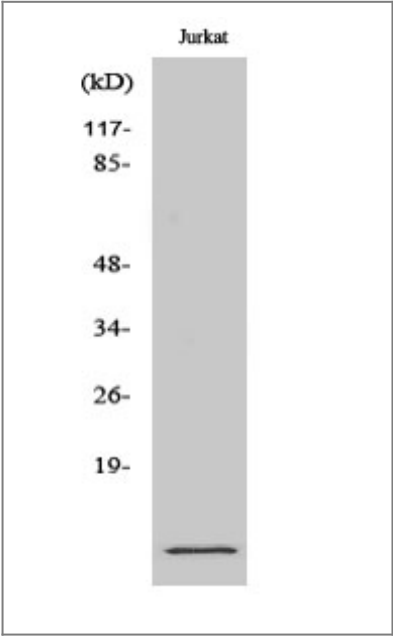
Organism	Gene ID	UniProt ID
Human	<a href="#">6281</a> ;	<a href="#">P60903</a> ;
Mouse	<a href="#">20194</a> ;	<a href="#">P08207</a> ;
Rat	<a href="#">81778</a> ;	<a href="#">P05943</a> ;

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

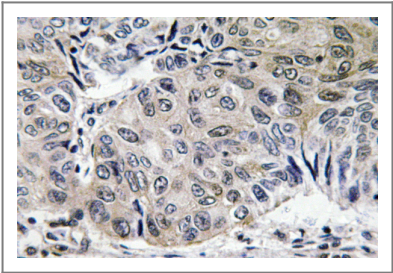
Tissue specificity Brain,Keratinocyte,

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.,

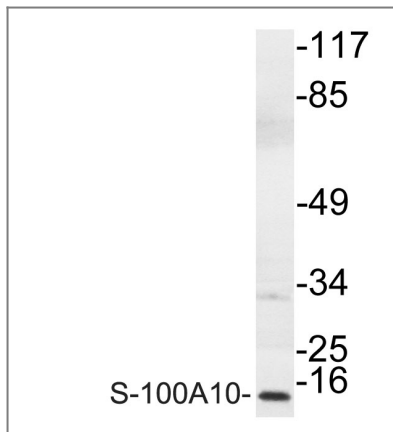
## Validation Data



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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product information:  
**S-100A10 Rabbit  
pAb**

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