

For Research Use Only

# Syntaxin 10 Polyclonal antibody

Catalog Number: 11036-1-AP

2 Publications



## Basic Information

### Catalog Number:

11036-1-AP

### Size:

150ul, Concentration: 850 ug/ml by Nanodrop and 433 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1501

### GenBank Accession Number:

BC017237

### GeneID (NCBI):

8677

### UNIPROT ID:

O60499

### Full Name:

syntaxin 10

### Calculated MW:

28 kDa

### Observed MW:

28 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse

### Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : HeLa cells, MCF-7 cells, BxPC-3 cells

IHC : mouse heart tissue,

## Background Information

Syntaxin 10 (STX10), also named as SYN10, belongs to the syntaxin family. Syntaxins are target membrane SNAREs (Soluble NSF attachment protein receptors) which are membrane components that determine the specificity of the docking and fusion of vesicles to target membranes.

## Notable Publications

Author	Pubmed ID	Journal	Application
Deliang Gong	37342196	Front Oncol	WB
Pattu Varsha V	22120889	Eur J Immunol	IF

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

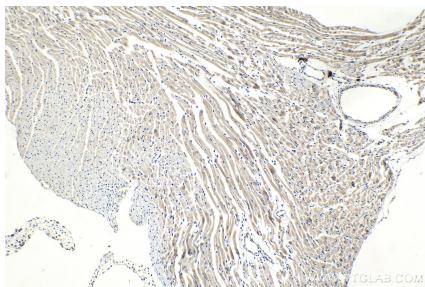
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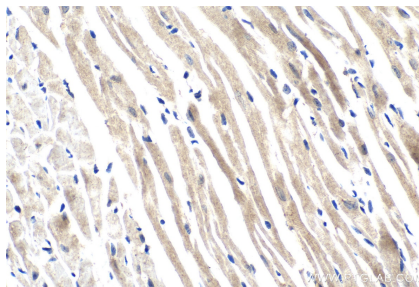
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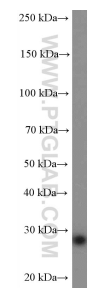
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 11036-1-AP (Syntaxin 10 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 11036-1-AP (Syntaxin 10 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



HeLa cells were subjected to SDS PAGE followed by western blot with 11036-1-AP (Syntaxin 10 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.