

## STXBP2 Polyclonal antibody

Catalog Number: 15312-1-AP

6 Publications

## Basic Information

## Catalog Number:

15312-1-AP

## Size:

260 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG7537

## GenBank Accession Number:

BC002869

## GeneID (NCBI):

6813

## UNIPROT ID:

Q15833

## Full Name:

syntaxin binding protein 2

## Calculated MW:

593 aa, 66 kDa

## Observed MW:

66 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:200

## Applications

## Tested Applications:

IHC, WB, ELISA

## Cited Applications:

WB, IF

## Species Specificity:

human, mouse, rat

## Cited Species:

human, rat

**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** : K-562 cells, Jurkat cells, mouse brain tissue, mouse kidney tissue, rat kidney tissue

**IHC** : human lung cancer tissue, human kidney tissue

## Background Information

Syntaxin-binding protein 2 (STXBP2, also known as Unc18-2) belongs to the STXBP/unc-18/SEC1 family. STXBP2 is involved in intracellular trafficking, control of SNARE (soluble NSF attachment protein receptor) complex assembly, and the release of cytotoxic granules by natural killer cells. Mutations in the STXBP2 gene are associated with familial hemophagocytic lymphohistiocytosis.

## Notable Publications

Author	Pubmed ID	Journal	Application
Frank Cichocki	24842371	J Exp Med	WB
Prasad V Phatarpekar	32841357	J Cell Biol	WB
Xing-Lian Duan	31962145	Neuroscience	WB

## 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

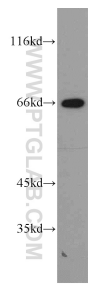
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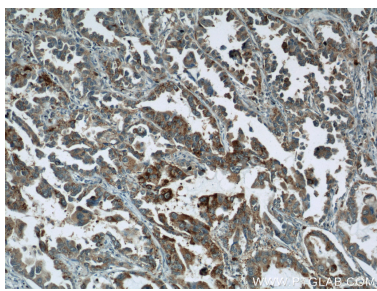
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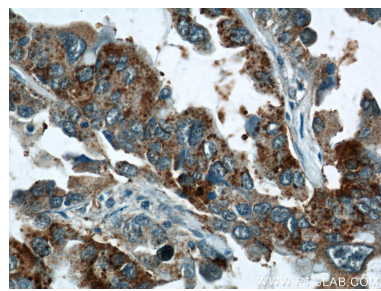
Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 15312-1-AP (STXBP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer using 15312-1-AP (STXBP2 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer using 15312-1-AP (STXBP2 antibody) at dilution of 1:50 (under 40x lens).