

## **SLAIN2 Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP56723

### **Specification**

# **SLAIN2 Polyclonal Antibody - Product Information**

Application WB, IHC-P
Primary Accession
Reactivity Rat
Host Rabbit
Clonality Polyclonal
Calculated MW 62543

# **SLAIN2 Polyclonal Antibody - Additional Information**

**Gene ID 57606** 

#### **Other Names**

SLAIN motif-containing protein 2, SLAIN2, KIAA1458

### **Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

#### Storage

Store at -20  $^{\circ}$ C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4  $^{\circ}$ C.

# **SLAIN2 Polyclonal Antibody - Protein Information**

Name SLAIN2

Synonyms KIAA1458

## **Function**

Binds to the plus end of microtubules and regulates microtubule dynamics and microtubule organization. Promotes cytoplasmic microtubule nucleation and elongation. Required for normal structure of the microtubule cytoskeleton during interphase.

### **Cellular Location**

Cytoplasm, cytoskeleton. Note=Colocalizes with microtubules. Detected at the plus end of growing microtubules

### **Tissue Location**

Widely expressed with highest levels in adult liver, testis and ovary, and lowest levels in adult pancreas and spleen and in fetal brain.

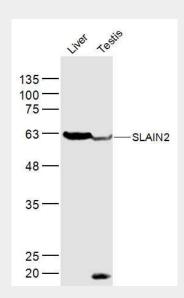


# **SLAIN2 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# **SLAIN2 Polyclonal Antibody - Images**



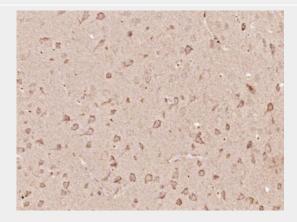
# Sample:

Liver (Mouse) Lysate at 40 ug Testis (Mouse) Lysate at 40 ug

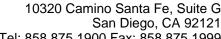
Primary: Anti-SLAIN2 (bs-17513R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 63 kD Observed band size: 63 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium





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citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SLAIN2) Polyclonal Antibody, Unconjugated (bs-17513R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.