

SLAIN2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56723**Specification**

SLAIN2 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q9P270
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 °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 °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

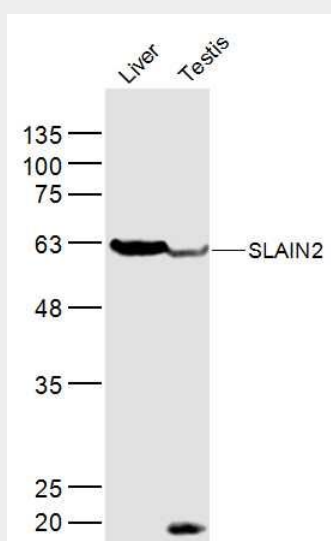
Widely expressed with highest levels in adult liver, testis and ovary, and lowest levels in adult pancreas and spleen and in fetal brain.

SLAIN2 Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SLAIN2 Polyclonal Antibody - Images



Sample:

Liver (Mouse) Lysate at 40 ug

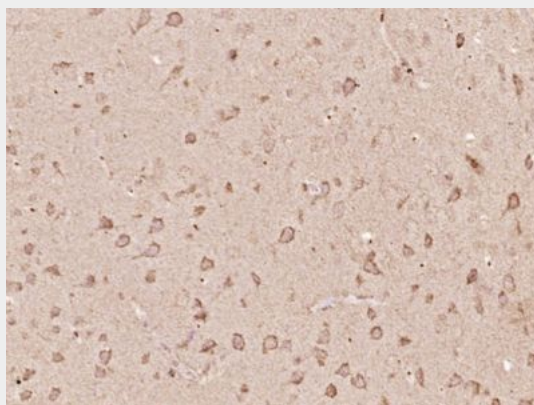
Testis (Mouse) Lysate at 40 ug

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

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.