

SLAIN2 Rabbit pAb

SLAIN2 Rabbit pAb

Catalog # AP56723

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9P270
Reactivity	Mouse
Predicted	Rat, Human, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62543
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SLAIN2
Epitope Specificity	351-450/581
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm > cytoskeleton. Colocalizes with microtubules. Detected at the plus end of growing microtubules.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	57606
Other Names	SLAIN motif-containing protein 2, SLAIN2, KIAA1458
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

Protein Information

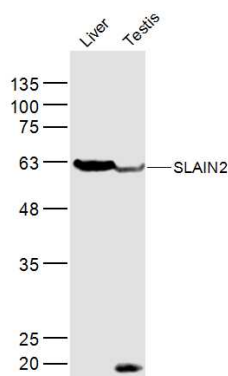
Name	SLAIN2
Synonyms	KIAA1458

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.

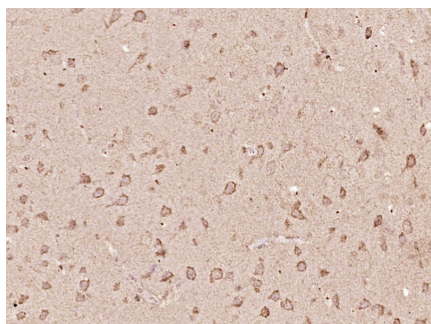
Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images



Sample:
Liver (Mouse) Lysate at 40 ug
Testis (Mouse) Lysate at 40 ug
Primary: Anti-SLAIN2 (AP56723) 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 (AP56723) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.