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SLAIN2 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF2977a

Specification

SLAIN2 Antibody (internal region) - Product Information

Application	**E**
Primary Accession	Q9P270
Other Accession	NP_065897.1, 57606, 75991 (mouse), 305310 (rat)
Predicted	**Human, Mouse, Rat, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**62543**

SLAIN2 Antibody (internal region) - Additional Information

Gene ID 57606

Other Names
SLAIN motif-containing protein 2, SLAIN2, KIAA1458

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SLAIN2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

SLAIN2 Antibody (internal region) - 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 Antibody (internal region) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SLAIN2 Antibody (internal region) - Images

SLAIN2 Antibody (internal region) - References

Transcriptional profiling of mouse and human ES cells identifies SLAIN1, a novel stem cell gene. Hirst CE, Ng ES, Azzola L, Voss AK, Thomas T, Stanley EG, Elefanty AG, Dev. Biol. 2006 May 293 (1): 90-103. PMID: 16546155