

**SLAIN2 Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF2977a

**Specification**

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**SLAIN2 Antibody (internal region) - Product Information**

Application	E
Primary Accession	<a href="#">O9P270</a>
Other Accession	<a href="#">NP_065897.1</a> , <a href="#">57606</a> , <a href="#">75991 (mouse)</a> , <a href="#">305310 (rat)</a>
Predicted Host	Human, Mouse, Rat, Dog
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	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 Cytometry](#)
- [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