

Goat Anti-KIF4A Antibody
Peptide-affinity purified goat antibody
Catalog # AF1589a**Specification**

Goat Anti-KIF4A Antibody - Product Information

Application	WB, IF, E
Primary Accession	O95239.3
Other Accession	NP_036442
Reactivity	Human
Predicted	Mouse, Rat, Pig, Cow
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG

Goat Anti-KIF4A Antibody - Additional Information**Other Names**

KIF4A antibody, kinesin family member 4A antibody, FLJ12530 antibody, FLJ12655 antibody, FLJ14204 antibody, FLJ20631 antibody, HSA271784 antibody, KIF4 antibody, KIF4-G1 antibody, chromokinesin antibody, kinesin family member 4 antibody

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, 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

Goat Anti-KIF4A Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-KIF4A Antibody - Protein Information**Goat Anti-KIF4A 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](#)

Goat Anti-KIF4A Antibody - Images

Goat Anti-KIF4A Antibody - Background

This gene encodes a member of the kinesin 4 subfamily of kinesin related proteins. The encoded protein is an ATP dependent microtubule-based motor protein that is involved in the intracellular transport of membranous organelles. This protein also associates with condensed chromosome arms and may be involved in maintaining chromosome integrity during mitosis. This protein may also be involved in the organization of the central spindle prior to cytokinesis. A pseudogene of this gene is found on chromosome X.

Goat Anti-KIF4A Antibody - References

Kinesin KIF4 regulates intracellular trafficking and stability of the human immunodeficiency virus type 1 Gag polyprotein. Martinez NW, et al. J Virol, 2008 Oct. PMID 18684836.
A novel role of the chromokinesin Kif4A in DNA damage response. Wu G, et al. Cell Cycle, 2008 Jul 1. PMID 18604178.
Structural requirements of chromokinesin Kif4A for its proper function in mitosis. Wu G, et al. Biochem Biophys Res Commun, 2008 Aug 1. PMID 18502200.
Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931.
Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983.