
Product Name: Phospho-KIF22 (Ser427) Rabbit Monoclonal Antibody**Catalog #: AMRe02809**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 73 kDa; Observed MW: 73 kDa

Antigen Information

Gene Name	KIF22
Alternative Names	KIF22; KID; KNSL4; Kinesin-like protein KIF22; Kinesin-like DNA-binding protein; Kinesin-like protein 4
Gene ID	3835
SwissProt ID	Q14807
Immunogen	A synthetic Phosphorylated peptide corresponding to residues target protein

Background

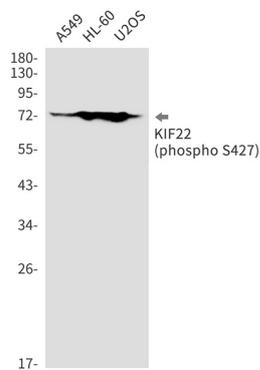
The protein encoded by this gene is a member of the kinesin-like protein family. The family members are microtubule-

dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the *Xenopus* homolog suggests its essential role in metaphase chromosome alignment and maintenance. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]

Research Area

Signal Transduction

Image Data



Western blot analysis of Phospho-KIF22 (Ser427) in A549, HL-60, U2OS lysates using Phospho-KIF22 (Ser427) antibody.