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**Product Name: Phospho-KIF22 (Ser427) Rabbit Monoclonal Antibody****Catalog #: AMRe84886**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

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

**Antigen Information**

<b>Gene Name</b>	Phospho-KIF22 (Ser427)
<b>Alternative Names</b>	KIF22; KID; KNSL4; Kinesin-like protein KIF22; Kinesin-like DNA-binding protein; Kinesin-like protein 4
<b>Gene ID</b>	3835.0
<b>SwissProt ID</b>	Q14807
<b>Immunogen</b>	A synthetic phosphopeptide corresponding to residues surrounding Ser427 of human KIF22

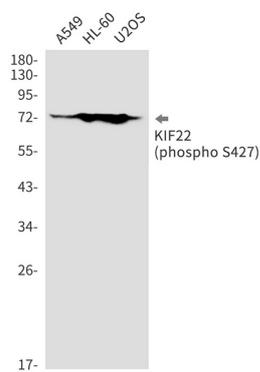
**Background**

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

## Image Data



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