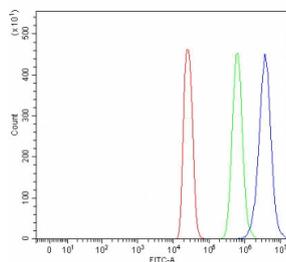


## KIF1A Antibody (RQ7809)

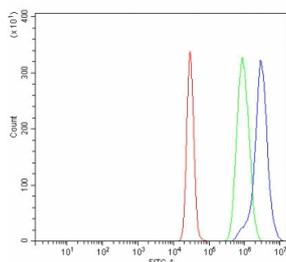
Catalog No.	Formulation	Size
RQ7809	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

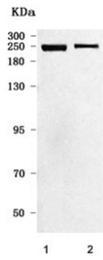
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q12756
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This KIF1A antibody is available for research use only.



Flow cytometry testing of human 293T cells with KIF1A antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= KIF1A antibody.



Flow cytometry testing of human K562 cells with KIF1A antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= KIF1A antibody.



Western blot testing of 1) rat brain and 2) mouse brain tissue with KIF1A antibody.  
Predicted molecular weight ~191 kDa.

## Description

Kinesin-like protein KIF1A, also known as axonal transporter of synaptic vesicles or microtubule-based motor KIF1A, is a protein that in humans is encoded by the KIF1A gene. The protein encoded by this gene is a member of the kinesin family and functions as an anterograde motor protein that transports membranous organelles along axonal microtubules. Mutations at this locus have been associated with spastic paraplegia-30 and hereditary sensory neuropathy IIC. Alternatively spliced transcript variants encoding distinct isoforms have been described.

## Application Notes

Optimal dilution of the KIF1A antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids H1079-Y1628) was used as the immunogen for the KIF1A antibody.

## Storage

After reconstitution, the KIF1A antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.