



[Go to Product page](#)

Datasheet for ABIN6980925  
**anti-KIF2A antibody (AA 611-706) (AbBy Fluor® 680)**

### Overview

Quantity:	100 µL
Target:	KIF2A
Binding Specificity:	AA 611-706
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF2A antibody is conjugated to AbBy Fluor® 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human KIF2A
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Horse,Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	KIF2A
Alternative Name:	KIF2A ( <a href="#">KIF2A Products</a> )

## Target Details

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Background:	<p>Synonyms: HK2, kif2, Kif2a, KIF2A_HUMAN, Kinesin 2, Kinesin heavy chain 2, Kinesin heavy chain member 2, Kinesin heavy chain member 2A, Kinesin like protein KIF2A, Kinesin-2, Kinesin-like protein KIF2A, kns2, M Kinesin, M-Kinesin.</p> <p>Background: Plus end-directed microtubule-dependent motor required for normal brain development. May regulate microtubule dynamics during axonal growth. Required for normal progression through mitosis. Required for normal congress of chromosomes at the metaphase plate. Required for normal spindle dynamics during mitosis. Promotes spindle turnover. Implicated in formation of bipolar mitotic spindles. Has microtubule depolymerization activity.</p>
Gene ID:	3796
UniProt:	<a href="#">O00139</a>
Pathways:	<a href="#">Microtubule Dynamics</a> , <a href="#">Ribonucleoprotein Complex Subunit Organization</a>

## Application Details

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Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months