

[Go to Product page](#)

## Datasheet for ABIN7449101 **anti-KIF20B antibody (AA 825-875)**

### Overview

Quantity:	100 µg
Target:	KIF20B
Binding Specificity:	AA 825-875
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF20B antibody is un-conjugated
Application:	Immunoprecipitation (IP)

### Product Details

Purpose:	Rabbit anti-KIF20B Antibody, Affinity Purified
Immunogen:	Between AA 825 and 875
Isotype:	IgG
Purification:	Affinity Purified

### Target Details

Target:	KIF20B
Alternative Name:	KIF20B ( <a href="#">KIF20B Products</a> )
Background:	Background: Kinesin family member 20B (KIF20B) is a plus-end-directed motor enzyme that is required for completion of cytokinesis (PubMed:11470801, PubMed:12740395). KIF20B is

## Target Details

required for proper midbody organization and abscission in polarized cortical stem cells. It plays a role in the regulation of neuronal polarization by mediating the transport of specific cargos. KIF20B participates in the mobilization of SHTN1 and in the accumulation of PIP3 in the growth cone of primary hippocampal neurons in a tubulin and actin-dependent manner. In the developing telencephalon, KIF20B cooperates with SHTN1 to promote both the transition from the multipolar to the bipolar stage and the radial migration of cortical neurons from the ventricular zone toward the superficial layer of the neocortex. It is involved in cerebral cortex growth (By similarity). KIF20B acts as an oncogene for promoting bladder cancer cells proliferation, apoptosis inhibition and carcinogenic progression (PubMed:17409436). [taken from the Universal Protein Resource (UniProt) Q96Q89].

Gene ID:	9585
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UniProt:	<a href="#">Q96Q89</a>
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Pathways:	<a href="#">M Phase</a>
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## Application Details

Application Notes:	8 - 15 µL/mg lysate
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Restrictions:	For Research Use only
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## Handling

Concentration:	1000 µg/mL
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Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C
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Expiry Date:	12 months
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