

## **Product datasheet for TA334700**

## KIF21A Rabbit Polyclonal Antibody

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-KIF21A antibody: synthetic peptide directed towards the N terminal

of human KIF21A. Synthetic peptide located within the following region: KEKRKKKSVAGKEDNTDTDQEKKEEKGVSERENNELEVEESQEVSDHEDE

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Purification:** Affinity Purified

Conjugation: Unconjugated

**Store** at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 186 kDa

**Gene Name:** kinesin family member 21A

Database Link: NP 060111

Entrez Gene 55605 Human

Q7Z4S6

**Background:** KIF21A belongs to a family of plus end-directed kinesin motor proteins. Neurons use kinesin

and dynein microtubule-dependent motor proteins to transport essential cellular

components along axonal and dendritic microtubules.

Synonyms: CFEOM1; FEOM3A

**Note:** Immunogen Sequence Homology: Dog: 100%; Human: 100%; Bovine: 100%; Pig: 93%; Rabbit:

93%; Rat: 86%; Horse: 86%; Mouse: 86%; Guinea pig: 79%; Yeast: 77%



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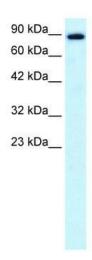
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**Protein Families:** Druggable Genome

## **Product images:**



WB Suggested Anti-KIF21A Antibody Titration: 0.2-1 ug/ml; Positive Control: Human brain