

**KIF16B Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56529****Specification**

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**KIF16B Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	<a href="#">O96L93</a>
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	152011

**KIF16B Polyclonal Antibody - Additional Information****Gene ID** 55614**Other Names**

Kinesin-like protein KIF16B, Sorting nexin-23, KIF16B, C20orf23, KIAA1590, SNX23

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**KIF16B Polyclonal Antibody - Protein Information****Name** KIF16B**Synonyms** C20orf23, KIAA1590, SNX23**Function**

Plus end-directed microtubule-dependent motor protein involved in endosome transport and receptor recycling and degradation. Regulates the plus end motility of early endosomes and the balance between recycling and degradation of receptors such as EGF receptor (EGFR) and FGF receptor (FGFR). Regulates the Golgi to endosome transport of FGFR-containing vesicles during early development, a key process for developing basement membrane and epiblast and primitive endoderm lineages during early postimplantation development.

**Cellular Location**

Cytoplasm, cytoskeleton. Early endosome membrane. Cytoplasm. Cytoplasm, cytoskeleton, spindle. Note=It is unclear whether association with endosomes is mediated via phosphatidylinositol 3-phosphate (PtdIns(3)P)-binding or via its interaction with RAB14

**Tissue Location**

Primarily expressed in brain. Also present in kidney, liver, intestine, placenta, leukocytes, heart

and skeletal muscle (at protein level).

### **KIF16B Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **KIF16B Polyclonal Antibody - Images**