

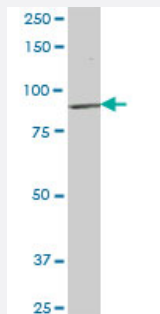
MaxPab®

KIF3B purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009371-B01P

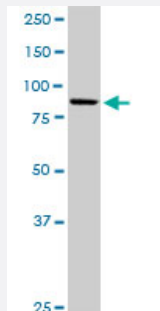
Size 50 ug

Applications



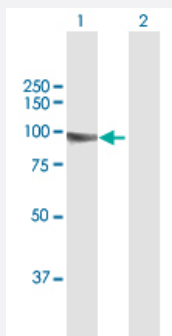
Western Blot (Tissue lysate)

KIF3B MaxPab polyclonal antibody. Western Blot analysis of KIF3B expression in rat brain.



Western Blot (Cell lysate)

KIF3B MaxPab polyclonal antibody. Western Blot analysis of KIF3B expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of KIF3B expression in transfected 293T cell line ([H00009371-T01](#)) by KIF3B MaxPab polyclonal antibody.

Lane1:KIF3B transfected lysate(82.17 KDa).

Lane2:Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human KIF3B protein.

Immunogen	KIF3B (ENSP00000364864, 1 a.a. ~ 747 a.a) full-length human protein.
Sequence	MSKCLKSSSESVRVVVRCPMNGKEKAASYDKVVDVDVKLGQVSVKNPKGTAHEMPKTFTFDVAVY DWNAAKQFELYDETFRPLVDSVLQGFNGTIFAYGQTGTGKTYTMEGIRGDPEKRGVIPNSFDHIFTHI SRSQNQQYLVRASYLEYQEEIRDLLSKDQTKRLELKERPD TGVYVKDLSSFVTKSVKEIEHVMNV GNQNRSVGATNMNEHSSRSHAIFVITIECSEVGLDGENHIRVGKLNLDLAGSERQAKTGAQGER LKEATKINLSLSALGNVISALVDGKSTHIPPYRDSKLTRLLQDSLGGNAKTMVANVGPASYNVEETL TTLRYANRAKNIKNKPRVNEDPKDALLREFQEEIARLKAQLEKRSIGRRKRREKRREGGGSGGGG EEEEEEGEEGEEEGDDKDDYWREQQEKLEIEKRAVEDHSLVAEEKMRLLKEKEKKMEDLRRE KDAAEMLGAKIKAMESKLLVGGKNVDHTNEQQKILEQKRQEAIEQKRREIEQQMESRDEETLE LKETYSSLQQEVDIKTKKLKFLSKLQAVKAEIHDLQEEHIKERQELEQTQNELTRELKCLKHLIENFI PLEEKSIMNRAFFDEEEDHWKLHPITRLNQQMMKRPVSAVGYKRPLSQHARMSMMIRPEARY RAENVLLELDMPSTRTRDYE GPAIPKVQAALDAALQDEDEIQVDASSFESTANKKSKARPKSG RKSGSSSSSSSGTPASQLYPQSRGLVPK
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

KIF3B MaxPab polyclonal antibody. Western Blot analysis of KIF3B expression in rat brain.

[Protocol Download](#)

- Western Blot (Cell lysate)

KIF3B MaxPab polyclonal antibody. Western Blot analysis of KIF3B expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of KIF3B expression in transfected 293T cell line ([H00009371-T01](#)) by KIF3B MaxPab polyclonal antibody.

Lane1:KIF3B transfected lysate(82.17 KDa).

Lane2:Non-transfected lysate.

[Protocol Download](#)

Gene Info — KIF3B

Entrez GeneID [9371](#)

GeneBank Accession# [NM_004798.2](#)

Protein Accession# [ENSP00000364864](#)

Gene Name KIF3B

Gene Alias HH0048, KIAA0359

Gene Description kinesin family member 3B

Omim ID [603754](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene acts as a heterodimer with kinesin family member 3A to aid in chromosome movement during mitosis and meiosis. The encoded protein is a plus end-directed microtubule motor and can interact with the SMC3 subunit of the cohesin complex. In addition, the encoded protein may be involved in the intracellular movement of membranous organelles. This protein and kinesin family member 3A form the kinesin II subfamily of the kinesin superfamily. [provided by RefSeq]

Other Designations OTTHUMP00000030588|kinesin-like protein KIF3B|microtubule plus end-directed kinesin motor 3B

Publication Reference

- [Roles of TOG and jelly-roll domains of centrosomal protein CEP104 in its functions in cilium elongation and Hedgehog signaling.](#)

Takashi Yamazoe, Tomoaki Nagai, Shinya Umeda, Yuko Sugaya, Kensaku Mizuno.

The Journal of Biological Chemistry 2020 Oct; 295(43):14723.

Application: IF, IP, WB-Tr, Human, RPE1 cells