

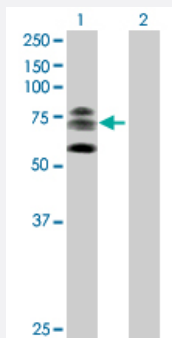
MaxPab®

KIF22 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003835-B01P

Size 50 ug

Applications

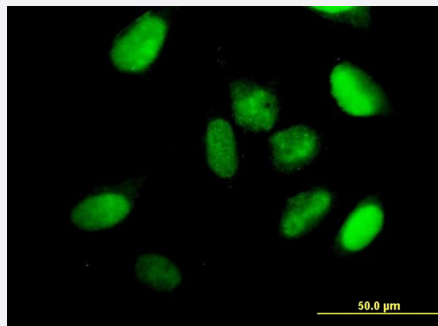


Western Blot (Transfected lysate)

Western Blot analysis of KIF22 expression in transfected 293T cell line ([H00003835-T01](#)) by KIF22 MaxPab polyclonal antibody.

Lane 1: KIF22 transfected lysate(73.15 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to KIF22 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human KIF22 protein.

Immunogen

KIF22 (NP_015556.1, 1 a.a. ~ 665 a.a) full-length human protein.

Sequence	MAAGGSTQQRREMAAASAAAISGAGRCRLSKIGATRPPPARVRVAVRLRPFVDGTAGASDP PCVRGMDSCSLEIANWRNHQETLKYQFADFYGERSTQQDIYAGSVQPILRHLLLEGQNASVLAYGP TGAGKTHTMLGSPEQPGVIPRALMDLLQLTREEGAEGRPWALSVTMSYLEIYQEKVLDLLDPASG DLVIREDCRGNILIPGLSQKPISSFADFERHFLPASRNRTVGATRLNQRSSSRSHAVLLVKVDQRRER LAPFRQREGKLYLIDLAGSEDNRRTGNKGLRLKESGAINTSLFVLGKVVDALNQGLPRVPYRDSKL TRLLQDSLGGSAHSILIANIAPERRFYLDTVSALNFAARSKEVINRPFNTESLQPHALGPVKLSQKE LLGPPEAKRARGPEEEEEIGSPEPMAAPASASQKLSPLQKLSSMDPAMLERLLSLDRLLASQGSQ GAPLLSTPKRERMVLMKTVEEKDLEIERLKTQKQKELEAKMLAQKAEKENHCPTMLRPLSHRTVT GAKPLKKAVVMPLQLIQEQAAASPNAEIHILKNKGRKRKLESLEDALEPEEKAEDCWELQISPELLAH GRQKILDLLNEGSARDLRLSLQRIGPKKAQLVIGWRELHGPFSQVEDLERVEGITGKQMESFLKANI LGLAAGQRCGAS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (82)
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.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to KIF22 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — KIF22

Entrez GeneID	3835
GeneBank Accession#	NM_007317
Protein Accession#	NP_015556.1

Gene Name	KIF22
Gene Alias	KID, KNSL4, OBP, OBP-1, OBP-2
Gene Description	kinesin family member 22
Omim ID	603213
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of kinesin-like protein family. This family of proteins are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the Xenopus homolog suggests its essential role in metaphase chromosome alignment and maintenance. [provided by RefSeq]
Other Designations	kinesin-like 4 oriP binding protein origin of plasmid DNA replication-binding protein