

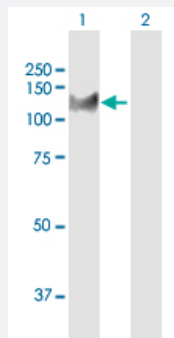
MaxPab®

KIF4A purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00024137-B01P

Size 50 ug

Applications

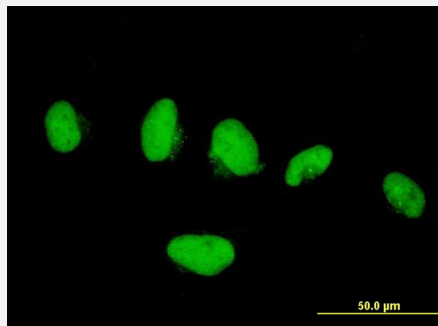


Western Blot (Transfected lysate)

Western Blot analysis of KIF4A expression in transfected 293T cell line ([H00024137-T01](#)) by KIF4A MaxPab polyclonal antibody.

Lane 1: KIF4A transfected lysate(123.97 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to KIF4A on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human KIF4A protein.

Immunogen

KIF4A (AAH50548.1, 1 a.a. ~ 1127 a.a) full-length human protein.

Sequence

MKEEVKGIPVRVALRCRPLVPKEISEGCMCLSFVPGEQVVGTDKSFYDFVDPSTEQEEV
 FNTAVAPLIKGVFKGYNATVLAYGQTGSGKTYSMGGAYTAEQENEPTVGVIPRVIQLLFKEIDKKSD
 FEFTLVKVSYLEMNEEILDLLCPSREKAQINIREDPKEGIKIVGLTEKTVLVALDTVSCLEQGNSRTV
 ASTAMNSQSSRSIAFTISLEQRKKSDKNSSFRSKLHLVDLAGSERQKKTAEGRDLKEGININRG
 LLCLGNVISALGDDKKGGFVPYRDSKLTRLLQDSLGGNSHTLMIACVSPADSNLEETLNTLRYADR
 ARKIKNKPIVNDPQTAEINHLKQQVQQLQVLLQAHGGTLPGSITVEPSENLSLMEKNQSLVEE
 NEKLSRGLSEAAGQTAQMLERILTEQANEKMNKLEELRQHAACKLDLQKLVTLEDQELKENV
 EIICNLQQLITQLSDETVACMAAAIDTAVEQEAQVETSPETSRSSDAFTTQHALRQAQMSKELVEL
 NKALALKEALARKMTQNDSQLQPIQYQYQDNIKELELEVINLQKEKEELVLELQTAKKDANQAKLS
 ERRRRLQLEGGIADLKKKLNEQSKLLKLKESTERTVSKLNQEIRMMKNQRVQLMRQMKEDAE
 KFRQWKQKKDKKEVIQLKERDRKRQYELLKERNFQKQSNVLRKTEEAAAANKRLKDALQKQRE
 VADKRKETQSRGMEGTAARVKNWLGNEIEVMVSTEEAKRHLNDLLEDKILAQDVAQLKEKKES
 GENPPPKLRRRTFSLTEVRGQVSESEDSITKQIESLETETEMEFRSAQIADLQKLLDAESEDPRPKQ
 RWENIATILEAKCALXYLIGELVSSKIQVSKLESSLKQSKTSCADMQKMLFEERNHFAEIELELQAE
 LVRMEQQHQEKVLYLLSQLQQSQMAEKQLEESVSEKEQQLSTLKCQDEELEKMREVCEQNQQ
 LLRENEIHKQLTLLQVASRQKHLPKDTLLSPDSSFYVPPKPKPSRVKEKFLEQSMIEDLKYCS
 EHSVNEHEDGDGDDDEGDDEEWKPTKLVKVSRKNIQGVLLLTVPVISALWEAEARGLLEARSSRP
 AWATWRDPVSTKPKN

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (88)
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 (Transfected lysate)

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to KIF4A on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — KIF4A

Entrez GeneID [24137](#)**GeneBank Accession#** [BC050548.1](#)**Protein Accession#** [AAH50548.1](#)**Gene Name** KIF4A**Gene Alias** FLJ12530, FLJ12655, FLJ14204, FLJ20631, HSA271784, KIF4, KIF4-G1**Gene Description** kinesin family member 4A**Omim ID** [300521](#)**Gene Ontology** [Hyperlink](#)**Gene Summary** Kinesins, such as KIF4A, are microtubule-based motor proteins that generate directional movement along microtubules. They are involved in many crucial cellular processes, including cell division (Zhu and Jiang, 2005 [PubMed 15625105]).[supplied by OMIM]**Other Designations** OTTHUMP00000023473|chromokinesin|kinesin family member 4