

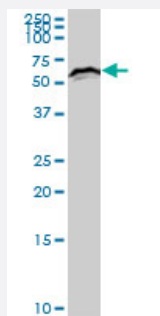
MaxPab®

KLC2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00064837-B01P

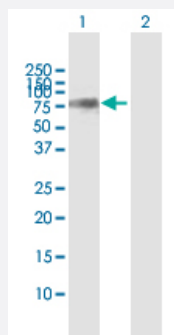
Size 50 ug

Applications



Western Blot (Tissue lysate)

KLC2 MaxPab polyclonal antibody. Western Blot analysis of KLC2 expression in rat brain.

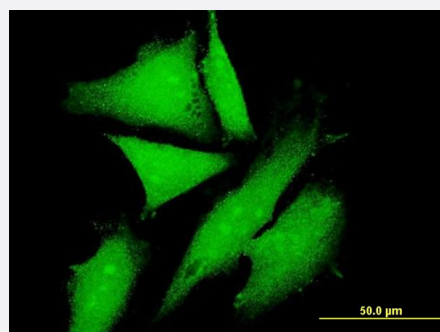


Western Blot (Transfected lysate)

Western Blot analysis of KLC2 expression in transfected 293T cell line ([H00064837-T01](#)) by KLC2 MaxPab polyclonal antibody.

Lane 1: KLC2 transfected lysate(68.42 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to KLC2 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human KLC2 protein.

Immunogen	KLC2 (NP_073733, 1 a.a. ~ 622 a.a) full-length human protein.
Sequence	MAMMVFPREEKLSQDEVLGTKAVIQGLETLRGEHRALLAPLVAPEAGEAEPGSQERCILLRRSL EAIELGLGEAQVILALSSHLGAVESEKQKLRAQVRRLVQENQWLREELAGTQQKLQRSEQAVAQ LEEEKQHLLFMSQIRKLDEDAASPNEEKGDVVKDTLDDLFPNEDEQSPAPSPGGGDVSGQHGGY EIPARLRTLHNLVIQYASQGRYEVAVPLCKQALEDLEKTSBGHDHPDVATMLNILALVYRDQNKYE AAHLLNDALAIREKTLGKDHPAVAATLNNLAVLYGKRGKYKEAEPLCKRALEIREKVLGKFHPDVA KQLSNLALLCQNQGKAEEVEYYRRALEIYATRLGPDDPNVAKTKNNLASCYLKQGKYQDAETLY KEILTRAHEKEFGSVNGDNKPWMHAEEREESKDKRRDSAPYGEYGSWYKACKVDSPTVNTTLR SLGALYRRQGKLEAAHTLEDCA SRNRKQGLDPASQTKVVELLDGSGRRGDRRSSRDMAGGA GPRSESDLEDVGPTAEWNGDGGSLRRSGSFGKLRDALRRSSEMLVKKLQGGTPQEPPNPRM KRASSLNFLNKSVEEPTQPGGTGLSDSRTLSSSSMDLSRRSSLVG
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (95); Rat (96)
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)

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[Protocol Download](#)

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- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to KLC2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — KLC2

Entrez GeneID	64837
GeneBank Accession#	NM_022822
Protein Accession#	NP_073733
Gene Name	KLC2
Gene Alias	FLJ12387
Gene Description	kinesin light chain 2
Gene Ontology	Hyperlink
Gene Summary	Kinesin is a molecular motor that generates ATP-dependent movement of vesicles and organelles along microtubules. Kinesin consists of 2 light chains, such as KLC2, and 2 heavy chains (see KIF5B; MIM 602809) in a 1:1 stoichiometric ratio (Rahman et al., 1998 [PubMed 9624122]).[supplied by OMIM]
Other Designations	OTTHUMP00000165218