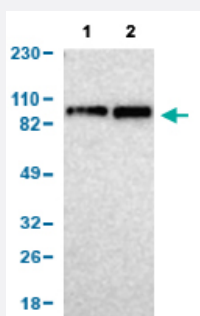


KIF2A polyclonal antibody

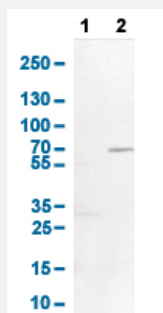
Catalog # PAB31125 Size 100 uL

Applications



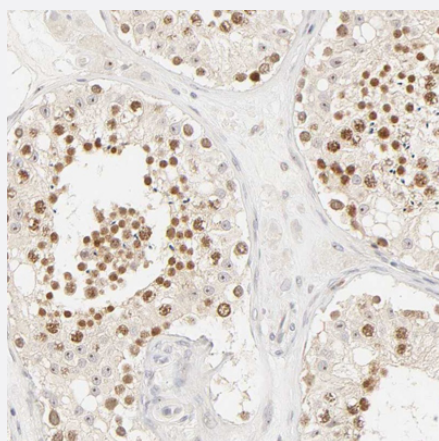
Western Blot (Cell lysate)

Western Blot analysis of (1) human cell line RT-4, and (2) human cell line U-251MG sp.



Western Blot

Western Blot analysis of (1) NIH-3T3 cell lysate (Mouse embryonic fibroblast cells), and (2) NBT-II cell lysate (Rat Wistar bladder tumour cells).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testis shows nuclear positivity in cells of seminiferous ducts.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human KIF2A.
Immunogen	Recombinant protein corresponding to amino acids 35-144 of human KIF2A.
Sequence	DNESVTVEWIENGDTKGKEIDLESIFSLNPDLVPDEEIEPSPETPPPPASSAKVNK/VKNRRTVASI KNDPPSRDNRVVGSARARPSQFPEQSSSAQQNGSVSDISPVQA
Host	Rabbit
Reactivity	Human, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of (1) human cell line RT-4, and (2) human cell line U-251MG sp.

- Western Blot

Western Blot analysis of (1) NIH-3T3 cell lysate (Mouse embryonic fibroblast cells), and (2) NBT-II cell lysate (Rat Wistar bladder tumour cells).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — KIF2A

Entrez GeneID

[3796](#)

Protein Accession#	O00139
Gene Name	KIF2A
Gene Alias	HK2, KIF2
Gene Description	kinesin heavy chain member 2A
Omim ID	602591
Gene Ontology	Hyperlink
Gene Summary	Kinesins, such as KIF2, are microtubule-associated motor proteins. For background information on kinesins, see MIM 148760.[supplied by OMIM]
Other Designations	Kinesin, heavy chain, 2 kinesin heavy chain member 2

Publication Reference

- [Variance decomposition of protein profiles from antibody arrays using a longitudinal twin model.](#)

Kato BS, Nicholson G, Neiman M, Rantalainen M, Holmes CC, Barrett A, Uhlén M, Nilsson P, Spector TD, Schwenk JM.
Proteome Science 2011 Nov; 9:73.

Application: Array, Recombinant protein

- [Novel asymmetrically localizing components of human centrosomes identified by complementary proteomics methods.](#)

Jakobsen L, Vanselow K, Skogs M, Toyoda Y, Lundberg E, Poser I, Falkenby LG, Bennetzen M, Westendorf J, Nigg EA, Uhlen M, Hyman AA, Andersen JS.

The EMBO Journal 2011 Apr; 30(8):1520.

Application: IF, Human, U-2 OS cells

Disease

- [Schizophrenia](#)
- [Tobacco Use Disorder](#)