

Product Datasheet

KIF2C Antibody - BSA Free

NB100-2588

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Publications: 3

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NB100-2588

KIF2C Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)
Target Molecular Weight	81 kDa

Product Description

Description	Novus Biologicals Rabbit KIF2C Antibody - BSA Free (NB100-2588) is a polyclonal antibody validated for use in WB and IP. Anti-KIF2C Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	11004
Gene Symbol	KIF2C
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in (PMID: 23055517).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 550 and 600 of human Mitotic Centromere-Associated Kinesin using the numbering given in entry NP_006836.1 (GeneID 11004).

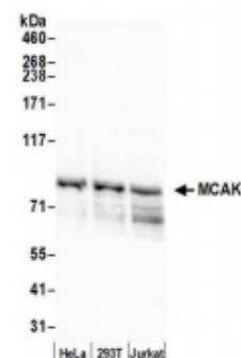
Product Application Details

Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2-5 ug/mg lysate

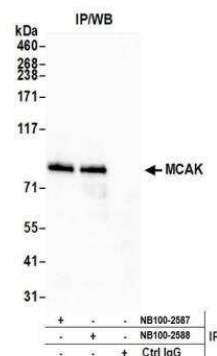


Images

Western Blot: KIF2C Antibody [NB100-2588] - Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MCAK antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds..



Immunoprecipitation: KIF2C Antibody [NB100-2588] - Detection of human MCAK by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MCAK antibody NB100-2588 used for IP at 3 ug per reaction. MCAK was also immunoprecipitated by rabbit anti-MCAK antibody NB100-2587. For blotting immunoprecipitated MCAK, NB100-2588 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Publications

Jörg Schweiggert, Gregor Habeck, Sandra Hess, Felix Mikus, Roman Beloshistov, Klaus Meese, Shoji Hata, Klaus Peter Knobloch, Frauke Melchior SCF Fbxw5 targets kinesin 13 proteins to facilitate ciliogenesis *The EMBO Journal* 2021-08-09 [PMID: 34368969]

Drum BM, Yuan C, Li L et al. Oxidative stress decreases microtubule growth and stability in ventricular myocytes. *J Mol Cell Cardiol* 2016-04-01 [PMID: 26902968]

Pakala SB, Nair VS, Reddy SD, Kumar R. Signaling-dependent phosphorylation of Mitotic Centromere Associated Kinesin regulates microtubule depolymerization and its centrosomal localization *J Biol Chem* 2012-10-10 [PMID: 23055517] (WB, Mouse, Human)



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Products Related to NB100-2588

NBL1-12294	KIF2C Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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