

# Product Datasheet

## KIF1B Antibody NB100-57493

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NB100-57493**

## KIF1B Antibody

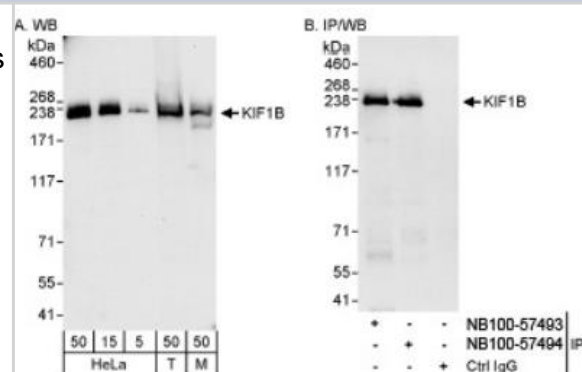
| Product Information |                             |
|---------------------|-----------------------------|
| Unit Size           | 0.1 ml                      |
| Concentration       | 0.2 mg/ml                   |
| Storage             | Store at 4C. Do not freeze. |
| Clonality           | Polyclonal                  |
| Preservative        | 0.09% Sodium Azide          |
| Isotype             | IgG                         |
| Purity              | Immunogen affinity purified |
| Buffer              | TBS and 0.1% BSA            |

| Product Description |                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                | Rabbit                                                                                                                                                                                   |
| Gene ID             | 23095                                                                                                                                                                                    |
| Gene Symbol         | KIF1B                                                                                                                                                                                    |
| Species             | Human, Mouse                                                                                                                                                                             |
| Immunogen           | The immunogen recognized by this antibody maps to a region between residue 1575 and 1625 of human kinesin family member 1B using the numbering given in entry CAC16629.1 (GeneID 23095). |

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

**Images**

Western Blot: KIF1B Antibody [NB100-57493] - Detection of Human and Mouse KIF1B on HeLa whole cell lysate using NB100-57493. KIF1B was also immunoprecipitated by rabbit anti-KIF1B antibody NB100-57494.

**Publications**

Tsai JW, Lian WN, Kemal S et al. Kinesin 3 and cytoplasmic dynein mediate interkinetic nuclear migration in neural stem cells. *Nat Neurosci* 2010 Dec [PMID: 21037580]

Xue X, Jaulin F, Espenel C et al. PH-domain-dependent selective transport of p75 by kinesin-3 family motors in non-polarized MDCK cells. *J Cell Sci* 2010 May [PMID: 20427314]

Chung CY, Koprach JB, Siddiqi H et al. Dynamic changes in presynaptic and axonal transport proteins combined with striatal neuroinflammation precede dopaminergic neuronal loss in a rat model of AAV alpha-synucleinopathy. *J Neurosci* 2009 Mar [PMID: 19295143]



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### **Products Related to NB100-57493**

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|                    |                                                                        |
|--------------------|------------------------------------------------------------------------|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB7156             | Goat anti-Rabbit IgG (H+L) Secondary Antibody                          |
| NBP2-24891         | Rabbit IgG Isotype Control                                             |
| H00023095-P01-10ug | Recombinant Human KIF1B GST (N-Term) Protein                           |

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### **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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