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anti-KIF5A antibody (AA 2-211)





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Overview

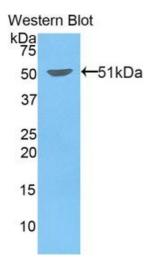
| Quantity: | 100 μL |
|----------------------|--|
| Target: | KIF5A |
| Binding Specificity: | AA 2-211 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This KIF5A antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

Product Details

| Purpose: | Polyclonal Antibody to Kinesin Family, Member 5A (KIF5A) |
|-------------------|--|
| Immunogen: | Recombinant Kinesin Family, Member 5A (KIF5A) corresdonding to Ala2~Ile211 (Accession # P33175) with N-terminal His and GST Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against KIF5A. It has been selected for its ability to recognize KIF5A in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Human, Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

| Target: | KIF5A |
|---------------------|--|
| Alternative Name: | Kinesin Family, Member 5A (KIF5A Products) |
| Background: | NKHC, MY050, SPG10, Spastic Paraplegia 10(Autosomal Dominant), Kinesin heavy chain |
| | neuron-specific 1, Neuronal kinesin heavy chain |
| Application Details | |
| Application Notes: | Western blotting: 0.5-2 μg/mL |
| | Immunohistochemistry: 5-20 μg/mL |
| | Immunocytochemistry: 5-20 μg/mL |
| | Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated |
| | thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious |
| | degradation and precipitation were observed. The loss rate is less than 5% within the expiration |
| | date under appropriate storage condition. |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which |
| | should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without |
| | detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



Western Blotting

Image 1. Detection of Recombinant KIF5A, Mouse using Polyclonal Antibody to Kinesin Family, Member 5A (KIF5A)