



Anti-KIF5A polyclonal antibody (DPAB-DC1785)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

| | |
|----------------------------|--|
| Antigen Description | This gene encodes a member of the kinesin family of proteins. Members of this family are part of a multisubunit complex that functions as a microtubule motor in intracellular organelle transport. Mutations in this gene cause autosomal dominant spastic paraplegia 10. |
| Immunogen | A synthetic peptide corresponding to human KIF5A. The sequence is C-QAKLFPLHQETAAS |
| Source/Host | Goat |
| Species Reactivity | Human |
| Purification | Antigen affinity purification |
| Conjugate | Unconjugated |
| Applications | ELISA, |
| Format | Liquid |
| Concentration | 0.5 mg/mL |
| Size | 100 µg |
| Buffer | In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide) |
| Preservative | 0.02% Sodium Azide |
| Storage | Store at -20°C. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

| | |
|----------------------------|---|
| Gene Name | KIF5A kinesin family member 5A [Homo sapiens (human)] |
| Official Symbol | KIF5A |
| Synonyms | KIF5A; kinesin family member 5A; NKHC; MY050; SPG10; D12S1889; kinesin heavy chain isoform 5A; KIF5A variant protein; neuronal kinesin heavy chain; kinesin heavy chain neuron-specific 1; kinesin, heavy chain, neuron-specific; |
| Entrez Gene ID | 3798 |
| Protein Refseq | NP_004975 |
| UniProt ID | Q12840 |
| Chromosome Location | 12q13.13 |
| Pathway | Adaptive Immune System; Dopaminergic synapse; Hemostasis; Insulin processing |
| Function | ATP binding; microtubule binding; microtubule motor activity; motor activity |
