



Anti-SPAST (C-terminal) polyclonal antibody (DPABH-27384)

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

PRODUCT INFORMATION

| | |
|----------------------------|---|
| Antigen Description | Spastin is thought have a role in microtubule dynamics through its function as a microtubule severing protein. It is localised to the centrosome of neuronal cells but is not found in glial cells. Mutation in the ATPase binding domain of spastin causes hereditary spastic paraplegias (HSP), a large group of clinically similar disorders. Mutant forms of spastin are generally found throughout the cytoplasm rather than within the nucleus. |
| Immunogen | A synthetic peptide from the C terminal region of Mouse Spastin conjugated to an immunogenic carrier protein. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Mouse, Rat, Human |
| Purification | Whole antiserum |
| Conjugate | Unconjugated |
| Applications | ICC/IF, WB, IHC-P, IHC-Fr |
| Format | Liquid |
| Size | 100 µl |
| Buffer | Constituents: Whole serum |
| Preservative | None |
| Storage | Store at 4°C short term (1-2 weeks). Add glycerol to a final volume of 50%, aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. |

GENE INFORMATION

| | |
|-----------------|--|
| Gene Name | SPAST spastin [Mus musculus] |
| Official Symbol | SPAST |
| Synonyms | SPAST; spastin; Spg4; mKIAA1083; spastic paraplegia 4 homolog; |
| Entrez Gene ID | 50850 |
| Protein Refseq | NP_001156342.1 |
| UniProt ID | Q9QYY8 |
| Function | ATP binding; alpha-tubulin binding; beta-tubulin binding; catalytic activity |