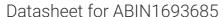
antibodies .- online.com







anti-GEMIN4 antibody (AA 251-350) (Alexa Fluor 350)



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| Quantity: | 100 μL | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|--|
| Target: | GEMIN4 | |
| Binding Specificity: | AA 251-350 | |
| Reactivity: | Human | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This GEMIN4 antibody is conjugated to Alexa Fluor 350 | |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) | |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human Gemin 4 | |
|-----------------------|-------------------------------------------------------------|--|
| Isotype: | IgG | |
| Cross-Reactivity: | Human | |
| Predicted Reactivity: | Mouse,Rat,Dog,Rabbit | |
| Purification: | Purified by Protein A. | |

Target Details

| Target: | GEMIN4 | |
|-------------------|---------------------------|--|
| Alternative Name: | Gemin 4 (GEMIN4 Products) | |

Target Details

| Background: | Synonyms: Gemin4, Gemin-4, Component of gems 4, Gem associated protein 4, HC56, HHRF 1, | | |
|---------------------|--------------------------------------------------------------------------------------------------|--|--|
| | GEMI4_HUMAN. | | |
| | Background: Gemin4 is a component of the SMN core complex which, while in the cytoplasm, | | |
| | plays an essential role in ribonucleoprotein (snRNP) assembly, including the biogenesis, | | |
| | delivery and recycling of snRNPs to the spliceosome. In the nucleus, where SMN is required for | | |
| | pre-mRNA splicing, Gemin4 concentrates next to coiled bodies in subnuclear structures called | | |
| | gems, that are highly enriched in splicosomal snRNPs, and in the nucleolus. Deletion or loss-of- | | |
| | function mutations in the SMN lead to the neurodegenerative disease spinal muscular atrophy | | |
| | (SMA). The human Gemin4 maps to chromosome 17p13. | | |
| Gene ID: | 50628 | | |
| Pathways: | Ribonucleoprotein Complex Subunit Organization | | |
| Application Details | | | |
| Application Notes: | IF(IHC-P) 1:50-200 | | |
| | IF(IHC-F) 1:50-200 | | |
| | IF(ICC) 1:50-200 | | |
| Restrictions: | For Research Use only | | |
| Handling | | | |
| Format: | Liquid | | |
| Concentration: | 1 μg/μL | | |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and | | |
| | 50 % Glycerol. | | |
| Preservative: | ProClin | | |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be | | |
| | handled by trained staff only. | | |
| Storage: | -20 °C | | |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. | | |
| Expiry Date: | 12 months | | |
| | | | |