Datasheet for ABIN1707704

anti-GEMIN6 antibody (AA 21-120) (Cy7)

Go to Product page

Overview

Quantity:	100 µL
Target:	GEMIN6
Binding Specificity:	AA 21-120
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GEMIN6 antibody is conjugated to Cy7
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Gemin 6
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GEMIN6
Alternative Name:	Gemin 6 (GEMIN6 Products)

Target Details

Background:	Synonyms: FLJ23459, Gemin6, Gemin-6, Gem nuclear organelle associated protein 6, Gem-associated protein 6, GEMI6, GEMI6_HUMAN, Gemin-6, GEMIN6, SIP2. Background: Spinal muscular atrophy (SMA) is an autosomal recessive neurodegenerative disease characterized by loss of motor neurons in the spinal cord. SMA is caused by deletion or loss-of-function mutations in the SMN (Survival of Motor Neuron) gene. Gemin6, the protein product of human chromosome 2p22.2, associates directly with SMN and is a part of the SMN complex containing Gemin2, Gemin3, Gemin4 and Gemin5 as well as several spliceosomal snRNP proteins. The SMN complex plays an essential role in spliceosomal snRNP assembly in the cytoplasm and is required for pre-mRNA splicing of the nucleus. The SMN complex is found in both the cytoplasm and the nucleus. The nuclear form is concentrated in subnuclear bodies called gems (Gemini of the coiled bodies).
Gene ID:	79833
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

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