

C9orf72 (5V14) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01119

Product information

产品货号	HZ-YMA01119
产品名称	C9orf72 (5V14) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	C9orf72
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	203228
Human Swissprot No.	Q96LT7
稀释度	IHC-P 1:500-1:2000, WB 1:1000-1:20000, IF 1:200-1:1000, ELISA 1:5000-1:20000
参考分子量	55kDa
预测分子量	54kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	The protein encoded by this gene plays an important role in the regulation of endosomal trafficking, and has been shown to interact with Rab proteins that are involved in autophagy and endocytic transport. Expansion of a GGGGCC repeat from 2-22 copies to 700-1600 copies in the intronic sequence between alternate exons in transcripts from this gene is associated with 9p-linked ALS (amyotrophic lateral sclerosis) and FTD (frontotemporal dementia) (PMID: 21944778, 21944779). Studies suggest that hexanucleotide expansions could result in the selective stabilization of repeat-containing pre-mRNA, and the accumulation of insoluble dipeptide repeat protein aggregates that could be pathogenic in FTD-ALS patients (PMID: 23393093). Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2016],
细胞定位	Nucleus . Cytoplasm . Cytoplasm, P-body . Cytoplasm, Stress granule . Endosome . Lysosome . Cytoplasmic vesicle, autophagosome . Secreted . Cell projection, axon . Cell projection, growth cone . Perikaryon . Detected in the cytoplasm of neurons from brain tissue (PubMed:21944778). Detected in the nucleus in fibroblasts (PubMed:21944779). During corticogenesis, transitions from being predominantly cytoplasmic to a more even nucleocytoplasmic distribution (By similarity). .; [Isoform 1]: Perikaryon . Cell projection, dendrite . Cell junction, synapse, presynapse . Cell junction, synapse, postsynapse . Expressed diffusely throughout the cytoplasm and dendritic processes of cerebellar Purkinje cells. Also expressed diffusely throughout the cytoplasm of spinal motor neurons. .; [Isoform 2]: Nucleus membrane ; Peripheral membrane protein . Nucleus . Detected at the nuclear membrane of cerebellar Purkinje cells and spinal motor neurons. Also shows diffuse nuclear expression in spinal motor neurons. .
Clonality	Monoclonal