

IGF2BP1 (1R4) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01013

Product information

产品货号	HZ-YMA01013
别名	CRDBP;VICKZ1;ZBP1
产品名称	IGF2BP1 (1R4) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	IGF2BP1
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,IP,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	10642
Human Swissprot No.	Q9NZI8
稀释度	IHC-P 1:100-1:500, WB 1:2000-1:10000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:500 0-1:20000, IP 1:50-1:200
参考分子量	64kDa
预测分子量	64kDa
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	This gene encodes a member of the insulin-like growth factor 2 mRNA-binding protein family. The protein encoded by this gene contains four K homology domains and two RNA recognition motifs. It functions by binding to the mRNAs of certain genes, including insulin-like growth factor 2, beta-actin and beta-transducin repeat-containing protein, and regulating their translation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2009],

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Product information

细胞定位

Nucleus. Cytoplasm. Cytoplasm, perinuclear region. Cytoplasm, P-body . Cytoplasm, Stress granule . Cell projection, lamellipodium. Cell projection, dendrite . Cell projection, dendritic spine . Cell projection, growth cone. Cell projection, filopodium . Cell projection, axon . In the nucleus, located in discrete foci, coinciding with the sites of ACTB transcription (By similarity). In the cytoplasm, localizes in cytoplasmic mRNP granules. Colocalizes with microtubules in growth cone filopodia and along neurites in neuronal cells (By similarity). Cytoplasmic colocalization with ACTB mRNA is partially lost at the cell periphery, suggesting release of the transcript. In neuronal processes, exhibits fast retrograde and anterograde movements, when associated with ACTB mRNA; this motility is lost when the association is inhibited (By similarity). In hippocampal neurons, predominantly located within dendrites, particularly at dendritic branching points in young cells, compared to axons (By similarity). In axons, predominantly found in axonal branches and their growth cones (By similarity). In motile cells, such as migrating fibroblasts, localizes to leading edges where it colocalizes with microtubules and microfilaments and to retracting tails (By similarity). Dendritic levels are regulated by neuronal activity and glutaminergic signals: they are increased by KCl-induced depolarization, which induces rapid efflux from the cell body into dendrites, and decreased by the NMDA receptor agonist (By similarity). In motile cells, transported towards the leading edge into the cortical region of the lamellipodia where it is connected to microfilaments (By similarity). In response to cellular stresses, such as oxidative stress or heat shock, recruited to stress granules, but not to processing bodies. .

纯化

Protein A

Clonality

Monoclonal