



HSF-27 Monoclonal Antibody

CDK5RAP3. AA range:341-390 Specificity HSF-27 Monoclonal Antibody detects endogenous levels of HSF-27 protein Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by		
Reactivity Human; Mouse; Rat Applications WB Gene Name CDK5RAP3 Protein Name CDK5 regulatory subunit-associated protein 3 Immunogen The antiserum was produced against synthesized peptide derived from hur CDK5RAP3. AA range; 341-390 Specificity HSF-27 Monoclonal Antibody detects endogenous levels of HSF-27 protein Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CDK5RAP3; IC53; MSTP016; OK/SW-cl.114; PP1553; CDK5 regulatory subunit-associated protein 3; CDK5 activator-binding protein C53; Protein HSF-27 Observed Band 60kD Cell Pathway Nucleus Cytoplasm Cytoplasm, cytoskeleton, microtubule organizing cer centrosome Colocalizes and associates with microtubules. Tissue Specificity Ubiquitously expressed (PubMed:12054757, PubMed:10721722). Express heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Isc is expressed in kidney, liver, skeletal muscle and placenta (PubMed:12737 Function Regulates CDK5 activity via its interaction with CDK5R1, PTM:Phosphoryle vitro by CDK5, similarity:Belongs to the CDK5RAP3 family, subunit-Interact CDK5R1. This interaction is prevented by the association between CDK5R	Catalog No	BYmab-01818
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protein ,tissue specificity:Ubiquitous. Expressed in heart, brain, placenta, lu	Function	function:Potential regulator of CDK5 activity. May be involved in cell proliferation. Regulates CDK5 activity via its interaction with CDK5R1.,PTM:Phosphorylated in vitro by CDK5.,similarity:Belongs to the CDK5RAP3 family.,subunit:Interacts with CDK5R1. This interaction is prevented by the association between CDK5R1 and CDK5RAP3 (By similarity). Interacts with the enteric adenovirus serotype 41 fiber protein.,tissue specificity:Ubiquitous. Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Isoform 3 is expressed in kidney,

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liver, skeletal muscle and placenta.,

Background

This gene encodes a protein that has been reported to function in signaling pathways governing transcriptional regulation and cell cycle progression. It may play a role in tumorigenesis and metastasis. A pseudogene of this gene is located on the long arm of chromosome 20. Alternative splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, May 2013],

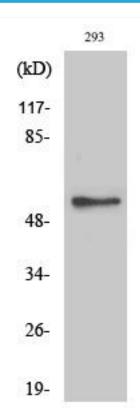
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using HSF-27 Monoclonal Antibody

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