



FBP2 Polyclonal Antibody

Catalog No	BYab-01707
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	KHSRP
Protein Name	Far upstream element-binding protein 2
Immunogen	Synthesized peptide derived from the N-terminal region of human FBP2.
Specificity	FBP2 Polyclonal Antibody detects endogenous levels of FBP2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KHSRP; FUBP2; Far upstream element-binding protein 2; FUSE-binding protein 2; KH type-splicing regulatory protein; KSRP; p75
Observed Band	73kD
Cell Pathway	Nucleus . Cytoplasm . A small proportion is also found in the cytoplasm of neuronal cell bodies and dendrites. .
Tissue Specificity	Detected in neural and non-neural cell lines.
Function	function: Binds to the dendritic targeting element and may play a role in mRNA trafficking (By similarity). Part of a ternary complex that binds to the downstream control sequence (DCS) of the pre-mRNA. Mediates exon inclusion in transcripts that are subject to tissue-specific alternative splicing. May interact with single-stranded DNA from the far-upstream element (FUSE). May activate gene expression. Also involved in degradation of inherently unstable mRNAs that contain AU-rich elements (AREs) in their 3'-UTR, possibly by recruiting degradation machinery to ARE-containing mRNAs. PTM: Phosphorylated upon DNA damage, probably by ATM or ATR. similarity: Belongs to the KHSRP family. similarity: Contains 4 KH domains. subcellular location: A small proportion is also found in the cytoplasm of neuronal cell bodies and dendrites. subunit: Part

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of a ternary complex containing FUBP2, PTBP1, PTBP2 and

Background

The KHSRP gene encodes a multifunctional RNA-binding protein implicated in a variety of cellular processes, including transcription, alternative pre-mRNA splicing, and mRNA localization (Min et al., 1997 [PubMed 9136930]; Gherzi et al., 2004 [PubMed 15175153]).[supplied by OMIM, Apr 2010],

matters needing attention

Avoid repeated freezing and thawing!

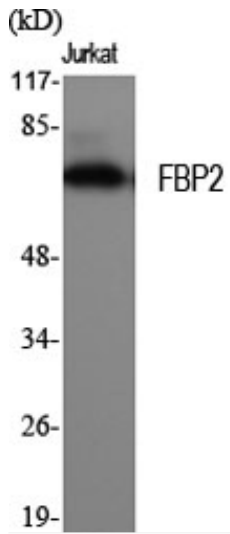
Usage suggestions

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

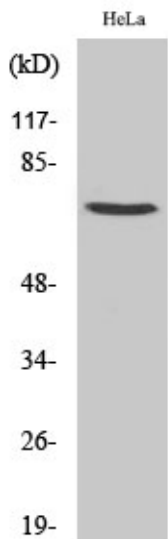
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Products Images



Western Blot analysis of various cells using FBP2
Polyclonal Antibody



Western Blot analysis of HuvEc cells using FBP2
Polyclonal Antibody