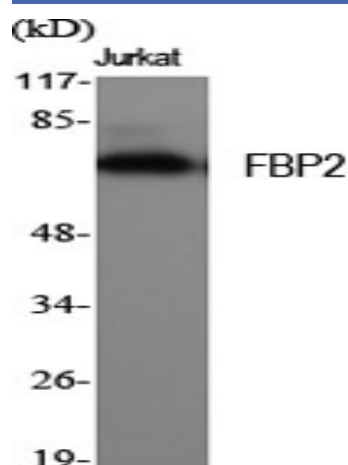


FBP2 Polyclonal Antibody

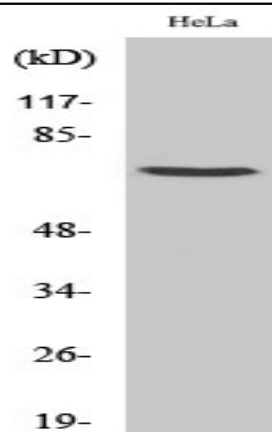
Catalog No :	YT1685
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	FBP2
Gene Name :	KHSRP
Protein Name :	Far upstream element-binding protein 2
Human Gene Id :	8570
Human Swiss Prot No :	Q92945
Mouse Gene Id :	16549
Mouse Swiss Prot No :	Q3U0V1
Rat Gene Id :	171137
Rat Swiss Prot No :	Q99PF5
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
Dilution :	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	73kD
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],
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 of a ternary complex containing FUBP2, PTBP1, PTBP2 and
Subcellular Location :	Nucleus . Cytoplasm . A small proportion is also found in the cytoplasm of neuronal cell bodies and dendrites. .
Expression :	Detected in neural and non-neural cell lines.

Products Images



Western Blot analysis of various cells using FBP2 Polyclonal Antibody



Western Blot analysis of HuvEc cells using FBP2 Polyclonal Antibody