



KBP mouse mAb

Catalog No	YP-mAb-11739
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	KIAA1279 KBP
Immunogen	Synthesized peptide derived from human KBP AA range: 542-592
Specificity	This antibody detects endogenous levels of KBP at Human/Mouse/Rat
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 affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KBP;KIAA1279;KIF1 binding protein;TTC20;KIAA1279 KBP
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm, cytoskeleton .
Tissue Specificity	Highly expressed in heart, brain, ovary, testis, spinal cord and all specific brain regions examined. Moderate expressed at intermediate level in all other adult tissues examined, as well as in fetal liver and brain. Not expressed in blood leukocytes.
Function	disease:Defects in KIAA1279 are the cause of Goldberg-Shprintzen megacolon syndrome (GOSHS) [MIM:609460]. GOSHS is characterized by microcephaly, mental retardation and facial dysmorphism, as well as phenotypes related to Hirschsprung disease syndrome.,function:Required for organization of axonal microtubules, and axonal outgrowth and maintenance during peripheral and central nervous system development. Regulates mitochondrial transport by modulating KIF1B motor activity.,similarity:Belongs to the KIF1-binding protein family.,subunit:Interacts with KIF1B.,tissue specificity:Highly expressed in heart, brain, ovary, testis, spinal cord and all specific brain regions examined. Moderate expressed at intermediate level in all other adult tissues examined, as



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Background

This gene encodes a kinesin family member 1 binding protein that is characterized by two tetratricopeptide repeats. The encoded protein localizes to the mitochondria and may be involved in regulating transport of the mitochondria. Mutations in this gene are associated with Goldberg-Shprintzen megacolon syndrome. [provided by RefSeq, Mar 2010],

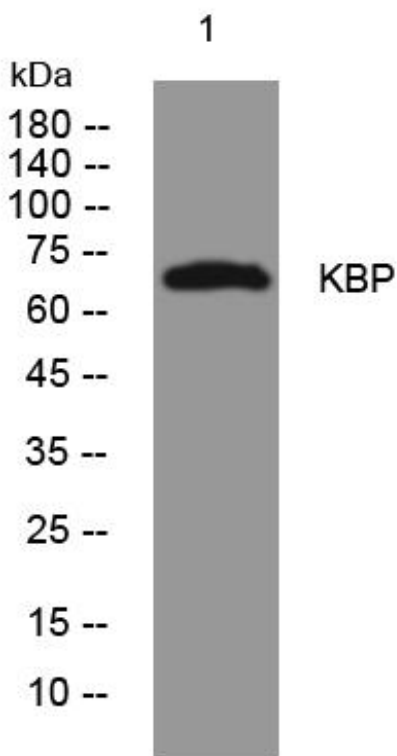
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

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

Products Images



Western Blot analysis of various cells using KBP mouse mAb