Anti-SMBP2 antibody

Description	Unconjugated Rabbit polyclonal to SMBP2

Model	STJ190758
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Gene ID	3508
Gene Symbol	IGHMBP2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	SMBP2 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed in all tissues examined. Expressed in the developing and adult human brain, with highest expression in the cerebellum. Moderately expressed in fibroblasts.
Purification	SMBP2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	DNA-binding protein SMUBP-2 ATP-dependent helicase IGHMBP2 Glial factor 1 GF-1 Immunoglobulin mu-binding protein 2
Molecular Weight	109 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:5542OMIM:600502
Alternative Names	DNA-binding protein SMUBP-2 ATP-dependent helicase IGHMBP2 Glial factor 1 GF-1 Immunoglobulin mu-binding protein 2
Function	5' to 3' helicase that unwinds RNA and DNA duplices in an ATP-dependent reaction. Acts as a transcription regulator. Required for the transcriptional activation of the flounder liver-type antifreeze protein gene. Exhibits strong binding specificity to the enhancer element B of the flounder antifreeze protein gene intron. Binds to the insulin II gene RIPE3B enhancer region. May be involved in translation . DNA-binding protein specific to 5'-phosphorylated single-stranded guanine-rich sequence related to the immunoglobulin mu chain switch region. Preferentially binds to the 5'-GGGCT-3' motif. Interacts with tRNA-Tyr. Stimulates the transcription of the human neurotropic virus JCV.
Cellular Localization	Nucleus Cytoplasm Cell projection, axon. Colocalizes with the translation initiation factor EIF4G2.

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