



RFOX1 Polyclonal Antibody

Catalog No	YP-Ab-05338
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	RBFOX1 A2BP A2BP1 FOX1 HRNBP1
Immunogen	Synthesized peptide derived from human protein . at AA range: 50-130
Specificity	RFOX1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FOX1;RBFOX1;HRNBP1;Hexaribonucleotide-binding protein 1;Fox-1 homolog A;RFOX1;RBFOX1 A2BP A2BP1 FOX1 HRNBP1;RNA binding protein fox-1 homolog 1 (Ataxin-2-binding protein 1) (Fox-1 homolog A) (Hexaribonucleotide-binding protein 1)
Observed Band	43kD
Calculated Molecular Weight	43kD
Cell Pathway	Nucleus . Cytoplasm .
Tissue Specificity	Predominantly expressed in muscle and brain.
Function	function:RNA-binding protein that regulates alternative splicing events by binding to 5'-UGCAUGU-3' elements. Regulates alternative splicing of tissue-specific exons and of differentially spliced exons during erythropoiesis., similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Binds to the C-terminal of ATXN2.,tissue specificity:Predominantly expressed in muscle and brain.,
Background	The Fox-1 family of RNA-binding proteins is evolutionarily conserved, and regulates tissue-specific alternative splicing in metazoa. Fox-1 recognizes a (U) GCAUG stretch in regulated exons or in flanking introns. The protein binds to



the C-terminus of ataxin-2 and may contribute to the restricted pathology of spinocerebellar ataxia type 2 (SCA2). Ataxin-2 is the product of the SCA2 gene which causes familial neurodegenerative diseases. Fox-1 and ataxin-2 are both localized in the trans-Golgi network. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011],

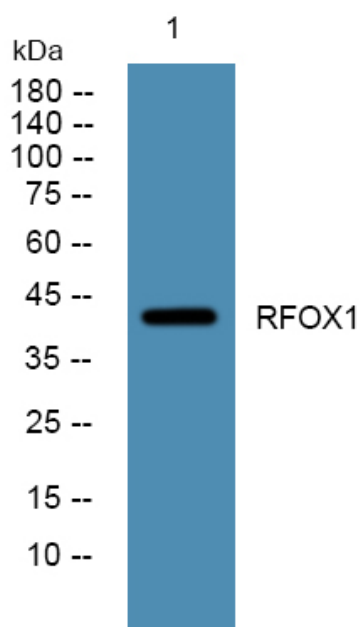
matters needing attention

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 lysates from SW480 cells, primary antibody was diluted at 1:1000, 4° over night