



ATX10 Polyclonal Antibody

Catalog No	YP-Ab-05337
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	ATXN10 SCA10
Immunogen	Synthesized peptide derived from human protein . at AA range: 10-90
Specificity	ATX10 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	ataxin 10;Ataxin-10;E46L;SCA10;ATX10;ATXN10 SCA10;Ataxin-10 (Brain protein E46 homolog) (Spinocerebellar ataxia type 10 protein)
Observed Band	45-50 kDa
Calculated Molecular Weight	53 kDa
Cell Pathway	Cytoplasm, perinuclear region .
Tissue Specificity	Expressed in the central nervous system.
Function	disease:Defects in ATXN10 are the cause of spinocerebellar ataxia type 10 (SCA10) [MIM:603516]. Spinocerebellar ataxia is a clinically and genetically heterogeneous group of cerebellar disorders. Patients show progressive incoordination of gait and often poor coordination of hands, speech and eye movements, due to degeneration of the cerebellum with variable involvement of the brainstem and spinal cord. SCA10 is an autosomal dominant cerebellar ataxia (ADCA).,similarity:Belongs to the ataxin-10 family.,
Background	This gene encodes a protein that may function in neuron survival, neuron differentiation, and neuritogenesis. These roles may be carried out via activation of the mitogen-activated protein kinase cascade. Expansion of an ATTCT repeat from 9-32 copies to 800-4500 copies in an intronic region of this locus has been

associated with spinocerebellar ataxia, type 10. Alternatively spliced transcript variants have been described.[provided by RefSeq, Jul 2016],

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