

Ataxin-2 Rabbit Polyclonal Antibody

Catalog# UZ-PA01349

Product information

产品货号	UZ-PA01349
别名	ATXN2; ATX2; SCA2; TNRC13; Ataxin-2; Spinocerebellar ataxia type 2 protein; Trinucleotide repeat-containing gene 13 protein
产品名称	Ataxin-2 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	ATXN2
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Rat,Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N
Human Gene ID	6311
Human Swissprot No.	Q99700
免疫原	The antiserum was produced against synthesized peptide derived from human ATXN2. AA range:731-780
稀释度	WB 1:500-1:2000, IHC-P 1:100-1:300, ELISA 1:20000, IF-P/IF-F/IF-ICC 1:50-200
预测分子量	140kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	ataxin 2(ATXN2) Homo sapiens This gene belongs to a group of genes that is associated with microsatellite-expansion diseases, a class of neurological and neuromuscular disorders caused by expansion of short stretches of repetitive DNA. The protein encoded by this gene has two globular domains near the N-terminus, one of which contains a clathrin-mediated trans-Golgi signal and an endoplasmic reticulum exit signal. The protein is primarily localized to the Golgi apparatus, with deletion of the Golgi and endoplasmic reticulum signals resulting in abnormal subcellular localization. In addition, the N-terminal region contains a polyglutamine tract of 14-31 residues that can be expanded in the pathogenic state to 32-200 residues. Intermediate length expansions of this tract increase susceptibility to amyotrophic lateral sclerosis, while long expansions of this tract result in spinocerebellar ataxia-2, an autosomal-dominantly inherited, neurodegenerative disease.
细胞定位	Cytoplasm
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal