产品名称：Ataxin 1 Rabbit Monoclonal Antibody
产品货号：AMRe86494

产品概述（Summary）

产品名称（Production Name）	Ataxin 1 Rabbit Monoclonal Antibody
描述（Description）	Recombinant rabbit monoclonal antibody
宿主（Host）	Rabbit
应用（Application）	WB,IP
种属反应性（Reactivity）	Human

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	IgG
克隆（Clonality）	Monoclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
纯化方式（Purification）	Affinity Purification

免疫原信息（Immunogen）

基因名（Gene Name）	Ataxin 1
别名（Alternative Names）	ATX1; SCA1; D6S504E
基因 ID（Gene ID）	6310
蛋白 ID（SwissProt ID）	P54253.

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:1000-1:5000,IP 1:20-1:50
蛋白分子量（Molecular Weight）	Calculated MW:87 kDa; Observed MW:105 kDa

研究背景（Background）

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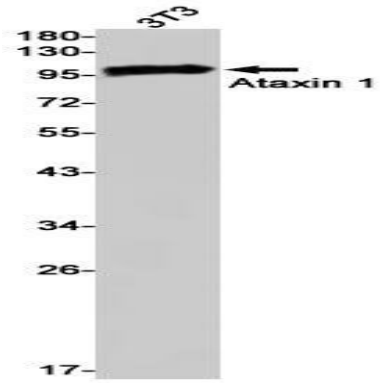
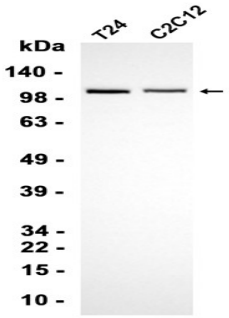
The autosomal dominant cerebellar ataxias (ADCA) are a heterogeneous group of neurodegenerative disorders characterized by progressive degeneration of the cerebellum, brain stem and spinal cord. Clinically, ADCA has been divided into three groups: ADCA types I-III. ADCAI is genetically heterogeneous, with five genetic loci, designated spinocerebellar ataxia (SCA) 1, 2, 3, 4 and 6, being assigned to five different chromosomes. ADCAII, which always presents with retinal degeneration (SCA7), and ADCAIII often referred to as the `pure' cerebellar syndrome (SCA5), are most likely homogeneous disorders. Several SCA genes have been cloned and shown to contain CAG repeats in their coding regions. ADCA is caused by the expansion of the CAG repeats, producing an elongated polyglutamine tract in the corresponding protein. The expanded repeats are variable in size and unstable, usually increasing in size when transmitted to successive generations. The function of the ataxins is not known. This locus has been mapped to chromosome 6, and it has been determined that the diseased allele contains 40-83 CAG repeats, compared to 6-39 in the normal allele, and is associated with spinocerebellar ataxia type 1 (SCA1). At least two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2016]

研究领域（Research Area）

图片（Image Data）



Western blot detection of Ataxin 1 in 3T3 cell lysates using Ataxin 1 antibody(1:1000 diluted).



Western blot analysis of extracts from T24，C2C12 cells using AMRe86494 at 1:1000.

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注意事项（Note）

For research use only .