产品名称：Atrophin-1 Rabbit Polyclonal Antibody
产品货号：APRab07356

产品概述（Summary）

产品名称（Production Name）	Atrophin-1 Rabbit Polyclonal Antibody
描述（Description）	Rabbit polyclonal Antibody
宿主（Host）	Rabbit
应用（Application）	WB,ELISA
种属反应性（Reactivity）	Human,Mouse,Rat

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	IgG
克隆（Clonality）	Polyclonal
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）	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式（Purification）	Affinity purification

免疫原信息（Immunogen）

基因名（Gene Name）	ATN1
别名（Alternative Names）	ATN1; D12S755E; DRPLA; Atrophin-1; Dentatorubral-pallidoluysian atrophy protein
基因 ID（Gene ID）	1822.0
蛋白 ID（SwissProt ID）	P54259.The antiserum was produced against synthesized peptide derived from human ATN1. AA range:81-130

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:500-1:2000,ELISA 1:5000-1:10000
蛋白分子量（Molecular Weight）	130kDa

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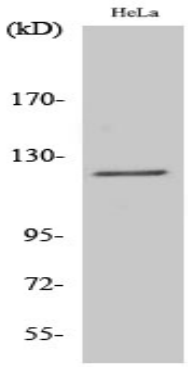
研究背景（Background）

Dentatorubral pallidoluysian atrophy (DRPLA) is a rare neurodegenerative disorder characterized by cerebellar ataxia, myoclonic epilepsy, choreoathetosis, and dementia. The disorder is related to the expansion from 7-35 copies to 49-93 copies of a trinucleotide repeat (CAG/CAA) within this gene. The encoded protein includes a serine repeat and a region of alternating acidic and basic amino acids, as well as the variable glutamine repeat. Alternative splicing results in two transcripts variants that encode the same protein. [provided by RefSeq, Jul 2016],disease:Defects in ATN1 are the cause of dentatorubral-pallidoluysian atrophy (DRPLA) [MIM:125370]. DRPLA is an autosomal dominant neurodegenerative disorder characterized by a loss of neurons in the dentate nucleus, rubrum, glogus pallidus and Luys'body. Clinical features are myoclonus epilepsy, dementia, and cerebellar ataxia. Onset of the disease occurs usually in the second decade of life and death in the fourth.,polymorphism:The poly-Gln region of ATN1 is highly polymorphic (7 to 23 repeats) in the normal population and is expanded to about 49-75 repeats in DRPLA and HRS patients. Longer expansions result in earlier onset and more severe clinical manifestations of the disease.,subunit:Interacts with BAIAP2, WWP1, WWP2, WWP3 and RERE.,tissue specificity:Relatively high levels in the brain, ovary, testis and prostate. Lower levels in the liver, thymus and leukocytes.,

研究领域（Research Area）

图片（Image Data）



Western Blot analysis of various cells using Atrophin-1 Polyclonal Antibody

注意事项（Note）

For research use only .