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Huntingtin (YD13703) Rabbit mAb

货号: AYD15507

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF FC
推荐浓度	**WB: 1:1000-1：5000:** **IHC: 1:100-1：300:** **ICC/IF: 1:100-1：300:** **FC: 1:20:**
理论分子量	348kDa
实测分子量	348kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,SH-SY5Y,U-251MG,Mouse brain
细胞定位	Cytoplasm, Nucleus, Early endosome, Cytoplasmic vesicle, autophagosome
纯化	亲和纯化

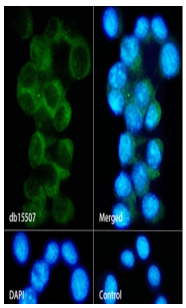
抗原信息

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靶点信息

研究背景	Huntingtin is a disease gene linked to Huntington's disease, a neurodegenerative disorder characterized by loss of striatal neurons. This is thought to be caused by an expanded, unstable trinucleotide repeat in the huntingtin gene, which translates as a polyglutamine repeat in the protein product. A fairly broad ran ge of trinucleotide repeats (9-35) has been identified in normal controls, and repeat numbers in excess of 40 have been described as pathological. The huntingtin locus is large, spanning 180 kb and consisting of 67 exons. The huntingtin gene is widely expressed and is required for normal development. It is expresse d as 2 alternatively polyadenylated forms displaying different relative abundance in various fetal and adu lt tissues. The larger transcript is approximately 13.7 kb and is expressed predominantly in adult and feta l brain whereas the smaller transcript of approximately 10.3 kb is more widely expressed. The genetic def ect leading to Huntington's disease may not necessarily eliminate transcription, but may confer a new pr operty on the mRNA or alter the function of the protein. One candidate is the huntingtin-associated protei n-1, highly expressed in brain, which has increased affinity for huntingtin protein with expanded polygluta mine repeats. This gene contains an upstream open reading frame in the 5' UTR that inhibits expression of the huntingtin gene product through translational repression.
基因ID	3064
基因名	HTT
Swiss	P42858 (https://www.uniprot.org/uniprotkb/P42858/entry)
别名	Huntingtin (YD13703),Huntingtin (YD13703) Rabbit mAb,HTT,Huntington disease protein,HD,IT15

产品验证



Immunofluorescence analysis of Neuro-2a cells labelling Huntingtin with Huntingtin. The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0. 1% PBS-Tween 20 for 1h. The cells were then incubate with Huntingtin (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit lgG (H+L)-AF488 . Nuclear DNA was labeled in blue with DAPI.

实验步骤

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