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C10orf2 Rabbit pAb

货号: AYP17094

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:1000
理论分子量	60kDa/66kDa/77kDa
实测分子量	77KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	A-549,A-431,Mouse heart,Rat kidney
细胞定位	Mitochondrion matrix,mitochondrion nucleoid
纯化	Affinity purification

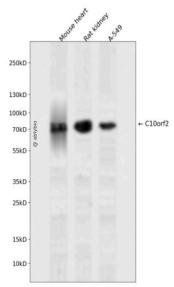
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 135-335 of human C10orf2 (NP_068602.2).

靶点信息

研究背景	This gene encodes a hexameric DNA helicase which unwinds short stretches of double-stranded DNA in the 5' to 3' direction and, along with mitochondrial single-stranded DNA binding protein and mtDNA polymerase gamma, is thought to play a key role in mtDNA replication. The protein localizes to the mitochondrial matrix and mitochondrial nucleoids. Mutations in this gene cause infantile onset spinocerebellar ataxia (IOSCA) and progressive external ophthalmoplegia (PEO) and are also associated with several mitochondrial depletion syndromes. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
基因ID	56652
基因名	TWNK
Swiss	Q96RR1 (https://www.uniprot.org/uniprotkb/Q96RR1/entry)
别名	TWNK,ATXN8,C10orf2,IOSCA,MTDPS7,PEO,PEO1,PEOA3,PRLTS5,SANDO,SCA8,TWINL,C10orf2 Rabbit pAb,Progressive external ophthalmoplegia 1 protein,T7 gp4-like protein with intramitochondrial nucleoid localization,T7-like mitochondrial DNA helicase,Twinkle protein,mitochondrial

产品验证



Western blot analysis of C10orf2 expressed in Mouse heart,Rat kidney,A-549 using C10orf2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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