

CRYAB Rabbit pAb

货号: B19232

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 - 1:2000
理论分子量	20kDa
实测分子量	20kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-87MG,293T,A-549,Mouse brain,Mouse heart,Mouse kidney,Mouse lung,Rat heart
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

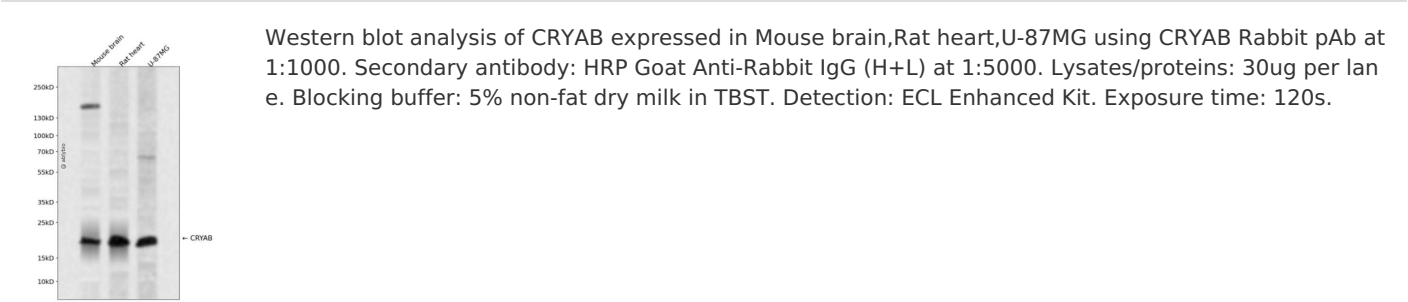
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-175 of human CRYAB (NP_001876.1).
序列	MDIAIHHPWIRRPFFPFHSPSRLFDQFFGEHLLESDFPTSTLSPFYLRPPSFLRAPSWFDTGLSEMRLEKDRFSVNLDVK HFSPEELKVKVLGDVIEVHGKHEERQDEHGFIREFHRKYRIPADVDPDLTITSSLSSDGVLTVNGPRKQVSGPERTIPITREE KPAVTAAPKK

靶点信息

研究背景	Mammalian lens crystallins are divided into alpha, beta, and gamma families. Alpha crystallins are composed of two gene products: alpha-A and alpha-B, for acidic and basic, respectively. Alpha crystallins can be induced by heat shock and are members of the small heat shock protein (HSP20) family. They act as molecular chaperones although they do not renature proteins and release them in the fashion of a true chaperone; instead they hold them in large soluble aggregates. Post-translational modifications decrease the ability to chaperone. These heterogeneous aggregates consist of 30-40 subunits; the alpha-A and alpha-B subunits have a 3:1 ratio, respectively. Two additional functions of alpha crystallins are an autokinase activity and participation in the intracellular architecture. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. Alpha-A and alpha-B gene products are differentially expressed; alpha-A is preferentially restricted to the lens and alpha-B is expressed widely in many tissues and organs. Elevated expression of alpha-B crystallin occurs in many neurological diseases; a missense mutation cosegregated in a family with a desmin-related myopathy. Alternative splicing results in multiple transcript variants.
基因ID	1410
基因名	CRYAB
Swiss	P02511
别名	CRYAB;CMD1II;CRYA2;CTPP2;CTRCT16;HEL-S-101;HSPB5;MFM2

产品验证



实验步骤

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