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Kv7.3/KCNQ3 (Phospho-Thr246) Antibody

货号: AYP4195

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ELISA
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200
理论分子量	44kDa/92kDa/93kDa/94kDa/95kDa
实测分子量	
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	C6,Mouse brain,Rat brain
细胞定位	Membrane,Multi-pass membrane protein
纯化	Affinity purification

抗原信息

抗原信息	Synthesized peptide derived from Human Kv7.3/KCNQ3 (Phospho-Thr246).

靶点信息

研究背景	The M channel is a slowly activating and deactivating potassium channel that plays a critical role in the r egulation of neuronal excitability. The M channel is formed by the association of the protein encoded by t his gene and a related protein encoded by the KCNQ3 gene, both integral membrane proteins. M channel currents are inhibited by M1 muscarinic acetylcholine receptors and activated by retigabine, a novel anti-convulsant drug. Defects in this gene are a cause of benign familial neonatal convulsions type 1 (BFNC), also known as epilepsy, benign neonatal type 1 (EBN1). At least five transcript variants encoding five diff erent isoforms have been found for this gene.
基因ID	3785
基因名	KCNQ2
Swiss	O43526 (https://www.uniprot.org/uniprotkb/O43526/entry)
别名	KCNQ2,BFNC,EBN,EBN1,ENB1,HNSPC,KCNA11,KV7.2,Kv7.3/KCNQ3 (Phospho-Thr246) Antibody,KQT-like 2, Neuroblastoma-specific potassium channel subunit alpha KvLQT2,Voltage-gated potassium channel subu nit Kv7.2,Kv7.3/KCNQ3 (Phospho-Thr246)

产品验证

实验步骤

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