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S100B Rabbit mAb

货号: AAY1323

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF ELISA
推荐浓度	**IHC:** 1:200-1:1000 **WB:** 1:1000-1:3000 **IF:** 1:200-1:800 **ELISA:** 1:5000-1:20000
理论分子量	11kD
实测分子量	11kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.325.
偶联物	Unconjugated
阳性对照	A375,Mouse brain,Rat brain,Rat testis
细胞定位	Cytoplasm, Nucleus, Secreted
纯化	亲和纯化

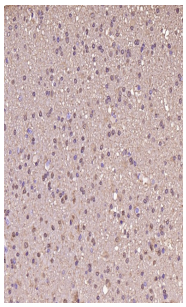
抗原信息

抗原信息	

靶点信息

研究背景	The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21; however, this gene is located at 21q22.3. This protein may function in Neurite extension, proliferation of melanoma cells, stimulation of Ca2+ fluxes, inhibition of PKC-mediated phosphorylation, astrocytosis and axonal proliferation, and inhibition of microtubule assembly. Chromosomal rearrangements and altered expression of this gene have been implicated in several neurological, neoplastic, and other types of diseases, including Alzheimer's disease, Down's syndrome, epilepsy, amyotrophic lateral sclerosis, melanoma, and type I diabetes.
基因ID	6285
基因名	S100B
Swiss	P04271 (https://www.uniprot.org/uniprotkb/P04271/entry)
别名	S100B,NEF,Protein S100 B,Protein S100-B,S 100 calcium binding protein beta chain,S 100 protein beta chain,S-100 protein beta chain,S-100 protein subunit beta,S100,S100 calcium binding protein beta (neural),S100 calcium-binding protein B,S100 protein beta chain,S100B_HUMAN,S100beta,S100 protein beta

产品验证



Immunohistochemical analysis of paraffin-embedded Human glioblastoma, using the Antibody at 1:250 dilution.

实验步骤

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