



TRP1 rabbit pAb

货号	YP-Ab-18080
同位型	IgG
应用	WB
种属	Human;Mouse
靶点	TYRP1
基因名称	TYRP1 CAS2 TYRP TYRRP
蛋白名称	5,6-dihydroxyindole-2-carboxylic acid oxidase (DHICA oxidase) (EC 1.14.18.-) (Catalase B) (Glycoprotein 75) (Melanoma antigen gp75) (Tyrosinase-related protein 1) (TRP) (TRP-1) (TRP1)
免疫原	Synthesized peptide derived from human TRP1
特异性	This antibody detects endogenous levels of TRP1 at Human, Mouse
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	Polyclonal, Rabbit,IgG
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	59kD
功能	Plays a role in melanin biosynthesis . Catalyzes the oxidation of 5,6-dihydroxyindole-2-carboxylic acid (DHICA) into indole-5,6-quinone-2-carboxylic acid in the presence of bound Cu(2+) ions, but not in the presence of Zn(2+) . May regulate or influence the type of melanin synthesized . Also to a lower extent, capable of hydroxylating tyrosine and producing melanin (By similarity).
细胞定位	Melanosome membrane ; Single-pass type I membrane protein . Melanosome . Located to mature stage III and IV melanosomes and apposed endosomal tubular membranes. Transported to pigmented melanosomes by the BLOC-1 complex. Proper trafficking to melanosome is regulated by SGSM2, ANKRD27, RAB9A, RAB32 and RAB38. .
组织表达	Pigment cells.
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!
使用建议	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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