

产品名称: DBH Rabbit Polyclonal Antibody

产品货号: APRab09813

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,ELISA
种属反应(Reactivity)	Human,Rat,Mouse
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液(Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
分子量(Molecular Weight)	69kDa

抗原信息(Antigen Information)

基因名(Gene Name)	DBH
别名(Alternative Names)	DBH; Dopamine beta-hydroxylase; Dopamine beta-monooxygenase
基因 ID(Gene ID)	1621.0
SwissProt ID	P09172
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human DBH. AA range:401-450

研究背景 (Background)

The protein encoded by this gene is an oxidoreductase belonging to the copper type II, ascorbate-dependent monooxygenase family. It is present in the synaptic vesicles of postganglionic sympathetic neurons and converts dopamine to norepinephrine. It

exists in both soluble and membrane-bound forms, depending on the absence or presence, respectively, of a signal peptide. [provided by RefSeq, Jul 2008],catalytic activity:3,4-dihydroxyphenethylamine + ascorbate + O(2) = noradrenaline + dehydroascorbate + H(2)O.,cofactor: Binds 1 PQQ per subunit.,cofactor: Binds 2 copper ions per subunit.,disease: Defects in DBH are the cause of DBH deficiency [MIM:223360]; also called norepinephrine deficiency or noradrenaline deficiency. This disorder is characterized by profound deficits in autonomic and cardiovascular function, but apparently only subtle signs, if any, of central nervous system dysfunction.,function: Conversion of dopamine to noradrenaline.,induction: Activity is enhanced by nerve growth factor (in superior cervical ganglia and adrenal medulla). Trans-synaptic stimulation with reserpine, acetylcholine and glucocorticoids.,online information: Dopamine beta hydroxylase entry, pathway: Catecholamine biosynthesis; norepinephrine biosynthesis; norepinephrine from dopamine: step 1/1., polymorphism: There are two main alleles of DBH: DBH-A with Ala-318 and DBH-B with Ser-318., similarity: Belongs to the copper type II ascorbate-dependent monooxygenase family., similarity: Contains 1 DOMON domain., subunit: Homotetramer composed of two non-covalently bound disulfide-linked dimers.,

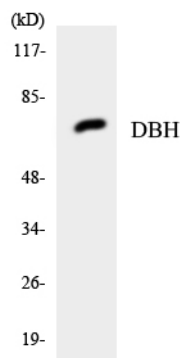
研究领域 (Research Area)

Tyrosine metabolism;

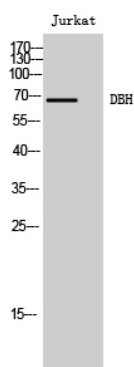
注意事项 (Note)

For research use only.

图片 (Image Data)



Western blot analysis of the lysates from Jurkat cells using DBH antibody.



Western Blot analysis of Jurkat cells using DBH Polyclonal Antibody

EnkiLife 优势产品推荐

产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

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