

产品名称: PIPOX Rabbit Polyclonal Antibody

产品货号: APRab16163

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,IHC,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,IHC 1:50-1:300,ELISA 1:2000-1:20000
分子量(Molecular Weight)	44kDa

抗原信息(Antigen Information)

基因名(Gene Name)	PIPOX
别名(Alternative Names)	PIPOX; LPIPOX; PSO; Peroxisomal sarcosine oxidase; PSO; L-pipecolate oxidase; L-pipecolic acid oxidase
基因 ID(Gene ID)	51268.0
SwissProt ID	Q9P0Z9
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human PIPOX. AA range:257-306

研究背景 (Background)

catalytic activity:L-pipecolate + O(2) = 2,3,4,5-tetrahydropyridine-2-carboxylate + H(2)O(2).,catalytic activity:Sarcosine + H(2)O

+ O(2) = glycine + formaldehyde + H(2)O(2), cofactor: Binds 1 FAD per subunit, function: Metabolizes sarcosine, L-pipecolic acid and L-proline, similarity: Belongs to the MSOX/MTOX family, subunit: Monomer, catalytic activity: L-pipecolate + O(2) = 2,3,4,5-tetrahydropyridine-2-carboxylate + H(2)O(2), catalytic activity: Sarcosine + H(2)O + O(2) = glycine + formaldehyde + H(2)O(2), cofactor: Binds 1 FAD per subunit, function: Metabolizes sarcosine, L-pipecolic acid and L-proline, similarity: Belongs to the MSOX/MTOX family, subunit: Monomer,

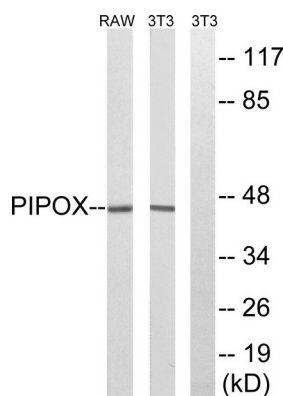
研究领域 (Research Area)

Glycine; serine and threonine metabolism; Lysine degradation;

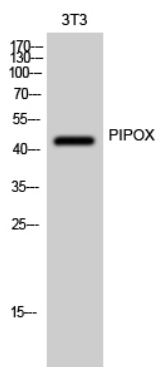
注意事项 (Note)

For research use only.

图片 (Image Data)



Western blot analysis of lysates from NIH/3T3 and RAW264.7 cells, using PIPOX Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 3T3 cells using PIPOX Polyclonal Antibody

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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

限于篇幅，更多产品详见官网：<https://www.enkilife.cn>