

产品名称: PIPOX Rabbit Polyclonal Antibody
产品货号: APRab16163



产品概述 (Summary)

产品名称 (Production Name)	PIPOX Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (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.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

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
蛋白 ID (SwissProt ID)	Q9P0Z9.The antiserum was produced against synthesized peptide derived from human PIPOX. AA range:257-306

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
蛋白分子量 (Molecular Weight)	44kDa

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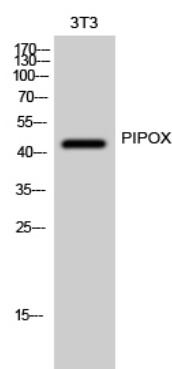
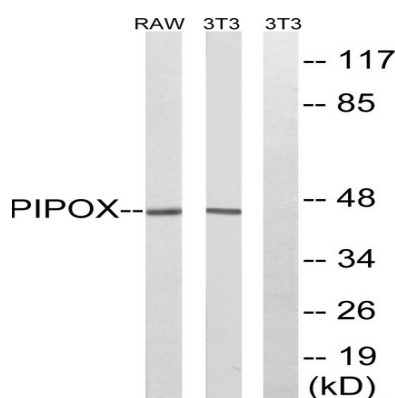
研究背景 (Background)

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;

图片 (Image Data)



注意事项 (Note)

For research use only .