



PIPOX Monoclonal Antibody

Catalog No	BYmab-02756
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	PIPOX
Protein Name	Peroxisomal sarcosine oxidase
Immunogen	The antiserum was produced against synthesized peptide derived from human PIPOX. AA range:257-306
Specificity	PIPOX Monoclonal Antibody detects endogenous levels of PIPOX protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PIPOX; LPIPOX; PSO; Peroxisomal sarcosine oxidase; PSO; L-pipecolate oxidase; L-pipecolic acid oxidase
Observed Band	44kD
Cell Pathway	Peroxisome .
Tissue Specificity	Expressed in the liver and kidney.
Function	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.,
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.,

Nanjing BYabscience technology Co.,Ltd



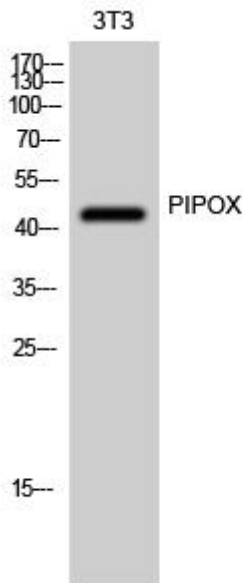
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using PIPOX Monoclonal Antibody