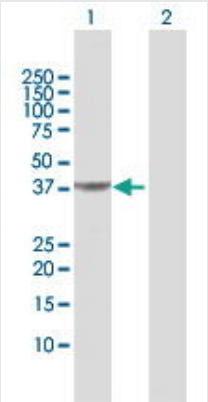
PIPOX Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PIPOX, Polyclonal Antibody
Full Product Name	PIPOX (Peroxisomal Sarcosine Oxidase, PSO, L-pipecolate Oxidase, L-pipecolic Acid Oxidase, LPIPOX, PSO) (PE)
Product Gene Name	anti-PIPOX antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human PIPOX.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	44,066 Da
3D Structure	ModBase 3D Structure for Q9P0Z9
Immunogen	Full length human PIPOX, aa1-390 (NP_057602.2).
Immunogen Sequence	MAAQKDLWDAIVIGAGIQGCFTAYHLAKHRKRILLLEQFFLPHSRGSSHGQSRIIRKAYLEDFYTRMMHECYQIWAQLEHEAGTQLHRQTGLLLLGMKENQ
Conjugate	PE
Note	Preservative Free
Product Categories/Family for anti-PIPOX antibody	Antibodies; Enzymes; Oxidase
Applications Tested/Suitable for anti-PIPOX antibody	Western Blot (WB)
Application Notes for anti-PIPOX antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-PIPOX antibody	MBS6389503 is an antibody targeting PIPOX. Also known as PIPOX (Peroxisomal Sarcosine Oxidase, PSO, L-pipecolate Oxidase, L-pipecolic Acid Ox
Other Notes	Small volumes of anti-PIPOX antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces



Western Blot (WB) of anti-PIPOX antibody
Western Blot analysis of PIPOX expression in transfected 293T cell line by PIPOX polyclonal antibody. Lane 1: PIPOX transfected lysate (44.1kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PIPOX. It may not necessarily be applicable to this product.

NCBI GI #	60499001
NCBI GeneID	51268
NCBI Accession #	NP_057602.2
UniProt Primary Accession #	Q9P0Z9
UniProt Secondary Accession #	Q96H28; Q9C070; B3KNH0
UniProt Related Accession #	Q9P0Z9
GenBank Nucleotide #	NM_016518
NCBI Official Full Name	peroxisomal sarcosine oxidase
NCBI Official Synonym Full Names	pipecolic acid oxidase
NCBI Official Symbol	PIPOX
NCBI Official Synonym Symbols	LPIPOX
UniProt Protein Name	Peroxisomal sarcosine oxidase
UniProt Synonym Protein Names	L-pipecolate oxidase; L-pipecolic acid oxidase
Protein Family	Peroxisomal sarcosine oxidase
UniProt Gene Name	PIPOX
UniProt Synonym Gene Names	LPIPOX; PSO; PSO
UniProt Entry Name	SOX_HUMAN
NCBI Protein Information	peroxisomal sarcosine oxidase; PSO; L-pipecolate oxidase; L-pipecolic acid oxidase
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