

Anti-PSO Antibody

Catalog # AP60910

Product Information

Application	WB, IF/IC
Primary Accession	Q9P0Z9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44066

Additional Information

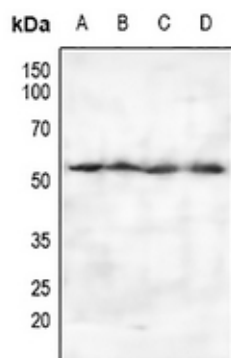
Gene ID	51268
Other Names	LPIPOX; PSO; Peroxisomal sarcosine oxidase; PSO; L-pipecolate oxidase; L-pipecolic acid oxidase
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PSO. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

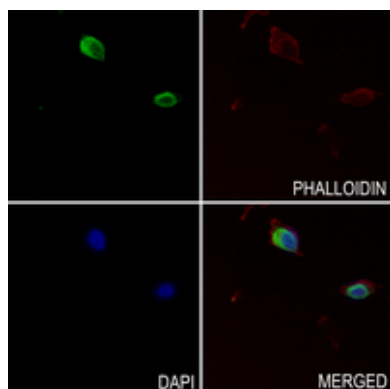
Name	PIPOX
Synonyms	LPIPOX, PSO
Function	Metabolizes sarcosine and L-pipecolic acid.
Cellular Location	Peroxisome.
Tissue Location	Expressed in the liver and kidney.

Images

Western blot analysis of PSO expression in HepG2 (A), LO2 (B), PC12 (C), CT26 (D) whole cell lysates. (Predicted



band size: 44 kD; Observed band size: 55 kD)



Immunofluorescent analysis of PSO staining in MDAMB231 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.