

MIOX Polyclonal Antibody

Catalog NumberPA5-30650

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant protein fragment corresponding to a region within amino acids 1 and 204 of Human myo-inositol oxygenase	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7, with 1% BSA, 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: mouse kidney, rat kidney. Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

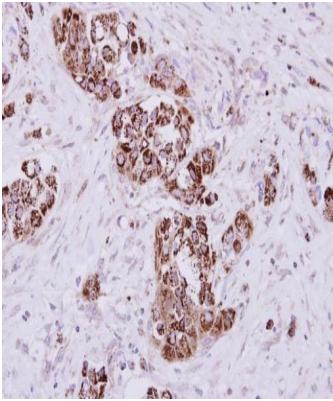
MIOX (Myo-Inositol Oxygenase) is a Protein Coding gene. Among its related pathways are superpathway of inositol phosphate compounds and Porphyrin and chlorophyll metabolism. Gene Ontology (GO) annotations related to this gene include iron ion binding and oxidoreductase activity, acting on NAD(P)H.

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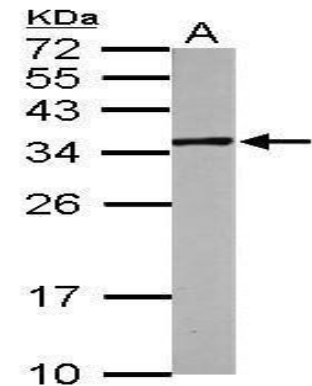
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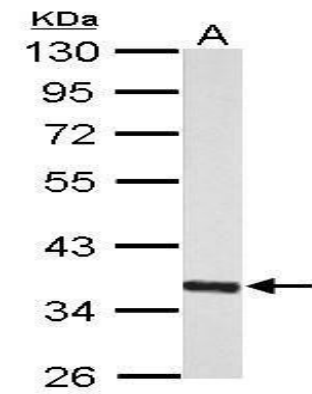
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MIOX Antibody (PA5-30650) in IHC (P)
Immunohistochemical analysis of paraffin-embedded human breast cancer, using myo-inositol oxygenase (Product # PA5-30650) antibody at 1:500 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



MIOX Antibody (PA5-30650) in WB
Western Blot using MIOX Polyclonal Antibody (Product # PA5-30650). Sample (50 µg of whole cell lysate). Lane A: mouse kidney. 12% SDS PAGE. MIOX Polyclonal Antibody (Product # PA5-30650) diluted at 1:2,000.



MIOX Antibody (PA5-30650) in WB
Western Blot using MIOX Polyclonal Antibody (Product # PA5-30650). Sample (50 µg of whole cell lysate). A: Rat kidney . 10% SDS PAGE. MIOX Polyclonal Antibody (Product # PA5-30650) diluted at 1:2,000.

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