

Anti-PAOX Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Cow,Rabbit)
Molecular Weight:	Theoretical: 56 kDa. Actual: 56 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Stomach (Mouse) Lysate at 40 µg Primary: Anti-PAOX (TMAB-09969) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 70/56 kD Observed band size: 56 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human PAOX
Antigen Species:	Human
Gene ID:	196743
Uniprot ID:	Q6QHF9

Research Background

PAOX is a flavoenzyme which catalyzes the oxidation of N(1)-acetylspermine to spermidine and is thus involved in the polyamine back-conversion. It can also oxidize N(1)-acetylspermidine to putrescine. It does not oxidize spermidine. PAOX plays an important role in the regulation of polyamine intracellular concentration and has the potential to act as a determinant of cellular sensitivity to the antitumor polyamine analogs. There are eleven named isoforms.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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