Immunotag™ PAOX Antibody

Antibody Specification

Catalog No.	ITA9477
Product Description	Immunotag™ PAOX Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PAOX
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:1000-3000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PAOX
Specificity	PAOX Antibody detects endogenous levels of total PAOX
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	PAOX
Accession No.	Q6QHF9
Alternate Names	DKFZp434J245; MGC45464; PAO; Peroxisomal N(1) acetyl spermine/spermidine oxidase; Peroxisomal N1 acetyl spermine/spermidine oxidase; Polyamine oxidase (exo N4 amino); Polyamine oxidase; RP11 122K13.11;

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Description	Flavoenzyme which catalyzes the oxidation of N1-acetylspermine to spermidine and is thus involved in the polyamine back-conversion. Can also oxidize N1-acetylspermidine to putrescine. Substrate specificity: N1-acetylspermine = N1-acetylspermidine > N1,N(12)-diacylspermine >> spermine. Does not oxidize spermidine. 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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	70 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.