

Immunotag™ SMOX Antibody

Antibody Specification	
Catalog No.	ITA2974
Product Description	Immunotag™ SMOX 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	SMOX
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SMOX.
Specificity	SMOX antibody detects endogenous levels of SMOX.
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	SMOX
Accession No.	Q9NWM0
Alternate Names	C20orf16; Chromosome 20 open reading frame 16; Flavin containing amine oxidase; Flavin containing spermine oxidase; PAO 1; PAO; PAOH1; Polyamine oxidase 1; Putative cyclin G1 interacting protein; SMO; Spermine oxidase;

Antibody Specification

Description	Flavoenzyme which catalyzes the oxidation of spermine to spermidine. Can also use N1-acetylspermine and spermidine as substrates, with different affinity depending on the isoform (isozyme) and on the experimental conditions. 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. May contribute to beta-alanine production via aldehyde dehydrogenase conversion of 3-amino-propanal.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	62 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.