

Datasheet for ABIN7177868
anti-SMOX antibody (AA 1-555)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	SMOX
Binding Specificity:	AA 1-555
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMOX antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Recombinant Mouse Spermine oxidase protein (1-555AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	SMOX
Alternative Name:	Smox (SMOX Products)
Background:	Background: Flavoenzyme which catalyzes the oxidation of spermine to spermidine. Can also use N(1)-acetylspermine and spermidine as substrates, with different affinity depending on the

Target Details

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.

Aliases: Smox antibody, SmoSpermine oxidase antibody, EC 1.5.3.16 antibody, Polyamine oxidase 1 antibody, PAO-1 antibody, PAOh1 antibody

UniProt: [Q99K82](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

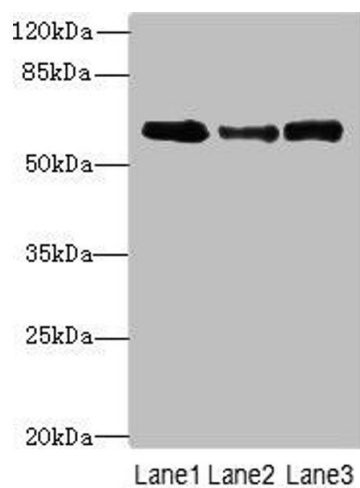
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot All lanes: Smox antibody at 3 μ g/mL
Lane 1: PC-3 whole cell lysate Lane 2: A549 whole cell lysate Lane 3: 293T whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 62, 66, 27, 23, 28, 60, 57, 47, 61, 21 kDa Observed band size: 62 kDa