

[Go to Product page](#)

Datasheet for ABIN7170548

anti-SMOX antibody (AA 268-353) (HRP)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | SMOX |
| Binding Specificity: | AA 268-353 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SMOX antibody is conjugated to HRP |
| Application: | ELISA |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant Human Spermine oxidase protein (268-353AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| 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, C20orf16 antibody, SMO antibody, UNQ3039/PRO9854 antibody, Spermine oxidase antibody, EC 1.5.3.16 antibody, Polyamine oxidase 1 antibody, PAO-1 antibody, PAOh1 antibody

UniProt: [Q9NWM0](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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.