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Datasheet for ABIN7161022

anti-NOXO1 antibody (AA 304-376) (HRP)

Overview

Quantity:	100 µg
Target:	NOXO1
Binding Specificity:	AA 304-376
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOXO1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human NADPH oxidase organizer 1 protein (304-376AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	NOXO1
Alternative Name:	NOXO1 (NOXO1 Products)
Background:	Background: Constitutively potentiates the superoxide-generating activity of NOX1 and NOX3 and is required for the biogenesis of otoconia/otolith, which are crystalline structures of the

Target Details

inner ear involved in the perception of gravity. Isoform 3 is more potent than isoform 1 in activating NOX3. Together with NOXA1, may also substitute to NCF1/p47phox and NCF2/p67phox in supporting the phagocyte NOX2/gp91phox superoxide-generating activity. Aliases: NADPH oxidase organizer 1 antibody, NADPH oxidase regulatory protein antibody, Nox organizer 1 antibody, Nox organizing protein 1 antibody, Nox-organizing protein 1 antibody, NOXO1 antibody, NOXO1_HUMAN antibody, P41NOX antibody, Regulatory protein P41NOX antibody, SH3 and PX domain-containing protein 5 antibody, SH3PXD5 antibody

UniProt: [Q8NFA2](#)

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.