Goat anti-NOXO1 Antibody

Item Number	dAP-0405
Target Molecule	Principle Name: NOXO1; Official Symbol: NOXO1; All Names and Symbols: NOXO1; P41NOX; P41NOXA; P41NOXB; P41NOXC; MGC20258; NADPH oxidase organizer 1; regulatory protein P41NOX; SH3PXD5; SNX28; Nox organizer 1; Accession Number (s): NP_653204.1; NP_751907.1; NP_751907.1; Human Gene ID(s): 124056; Non-Human GeneID(s):
Immunogen	RGCVDSVPHPTTEQ, is from C Terminus This antibody is expected to recognise all three reported isoforms (as represented by NP_653204.1, NP_751907.1and NP_751908.1).
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Preliminary experiments gave no signal but low background in Hela and Human Heart ly-sates at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?
IHC	Immunohistochemistry: In paraffin embedded Human Kidney Cortex shows cytoplasmic stain in epithelial cells of some PCT. Recommended concentration, 10-20µg/ml.
Reference	Reference(s): Banfi B, Clark RA, Steger K, Krause KH. Two novel proteins activate superoxide generation by the NADPH oxidase NOX1. J Biol Chem. 2003 Feb 7;278(6):3510-3..PMID: 12473664 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only