

Goat anti-NOX5 Antibody

Item Number	dAP-2286
Target Molecule	Principle Name: NOX5; Official Symbol: NOX5; All Names and Symbols: NOX5; NADPH oxidase, EF-hand calcium binding domain 5; MGC149776; MGC149777; NADPH oxidase 5; OTTHUMP00000164443; OTTHUMP00000164444; Accession Number (s): NP_078781.3; NP_001171708.1; NP_001171709.1; Human Gene ID(s): 79400; Non-Human GeneID(s):
Immunogen	EWHPFTISSAPEQKD, is from internal region This antibody is expected to recognize all reported isoforms (NP_078781.3; NP_001171708.1; NP_001171709.1).
Applications	Pep ELISA, WB 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 8000.
Western Blot	Western Blot: Approx 90kDa band observed in Human Testis lysates (calculated MW of 86.4kDa according to NP_078781.3). Recommended concentration: 0.5-2µg/ml.
IHC	
Reference	Reference(s): Choi H, Kim S, Kim HJ, Kim KM, Lee CH, Shin JH, Noh M, Sphingosylphosphorylcholine down-regulates filaggrin gene transcription through NOX5-based NADPH oxidase and cyclooxygenase-2 in human keratinocytes. Biochemical pharmacology 2010 Jul 80 (1): 95-103..PMID: 20230798->

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**