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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB11090 - Goat Anti-DUOX1 (aa972-985) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: dual oxidase 1, flavoprotein NADPH oxidase, large NOX 1, LNOX1, long NOX 1, MGC138840, MGC138841, NADPH thyroid oxidase 1, nicotinamide adenine dinucleotide phosphate oxidase, NOXEF1, THOX1, thyroid oxidase 1, DUOX1

Official Symbol: DUOX1

Accession Number(s): NP_059130.2

Human GeneID(s): [53905](#)

Important Comments: Reported variants represent identical protein: NP_787954.1, NP_059130.2. This antibody is not expected to cross-react with DUOX2.

Immunogen

Peptide with sequence CSRSDIETELTPQR, from the internal region of the protein sequence according to NP_059130.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

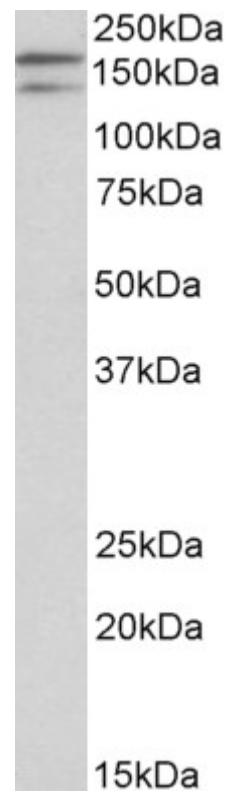
Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 170kDa band observed in Human Testis lysates (calculated MW of 177kDa according to NP_059130.2). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed at 140kDa. This band was successfully blocked by incubation with the immunizing peptide.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB11090 (0.1µg/ml) staining of Human Testis lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.