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Research Use Only. Not for diagnostic or therapeutic use.

EB10585 - Goat Anti-NOX5 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: NOX5, NADPH oxidase, EF-hand calcium binding domain 5, MGC149776, MGC149777, NADPH oxidase 5, OTTHUMP00000164443,

OTTHUMP00000164444

Official Symbol: NOX5

Accession Number(s): NP_078781.3; NP_001171708.1; NP_001171709.1

Human GeneID(s): 79400

Important Comments: This antibody is expected to recognize all reported isoforms

(NP_078781.3; NP_001171708.1; NP_001171709.1).

Immunogen

Peptide with sequence C-EWHPFTISSAPEQKD, from the internal region of the protein sequence according to NP_078781.3; NP_001171708.1; NP_001171709.1.

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 1:32000.

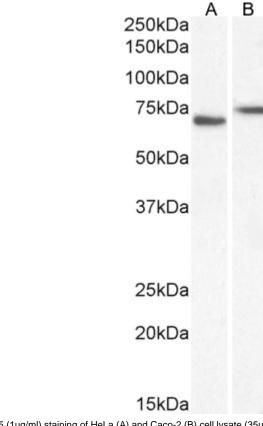
Western blot: Approx. 70-75kDa band observed in lysates of cell lines HeLa and Caco-2, and in Human Adrenal Gland lysates (calculated MW of 83.1kDa according to NP _001171709.1). This molecular weight is observed by other commercial sources, and was blocked by incubation with the immunizing peptide. Recommended concentration: 1-3μg/ml. Primary incubation 1 hour at room temperature.

Positive Control: A batch specific positive control lysate is available for this product. Please contact Sales@everestbiotech.com for availability.

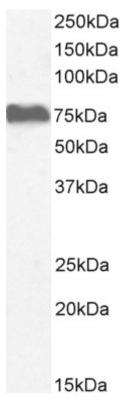
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog, Cow



EB10585 (1μg/ml) staining of HeLa (A) and Caco-2 (B) cell lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB10585 (1.5μg/ml) staining of Human Adrenal Gland lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.