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

EB12204 - Goat Anti-HOXA10 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HOXA10, homeobox A10, HOX1, HOX1.8, HOX1H, PL, homeo box A10, homeobox protein 1H, homeobox protein HOXA10, homeobox protein Hox-1.8, homeobox protein Hox-1H, homeobox protein Hox-A10

Official Symbol: HOXA10

Accession Number(s): NP_061824.3

Human GeneID(s): [3206](#)

Non-Human GeneID(s): 15395 (mouse)

Immunogen

Peptide with sequence PQATSCSFAQNIKE, from the internal region of the protein sequence according to NP_061824.3.

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 37-38kDa band observed in Human and Mouse Skeletal Muscle lysates (calculated MW of 42.4kDa according to Human NP_061824.3 and 43.2kDa according to Mouse NP_032289.2). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

IHC: In paraffin embedded Human Testis shows nuclear staining preferentially in the spermatocytes and spermatids. Recommended concentration, 5-10µg/ml.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Pig, Cow

EB12204 (0.2µg/ml) staining of Human Skeletal Muscle lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB12204 (0.3µg/ml) staining of Mouse Skeletal Muscle lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB12204 (5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.