

Goat anti-HOXA10 Antibody

Item Number	dAP-2943
Target Molecule	Principle Name: HOXA10; Official Symbol: HOXA10; All Names and Symbols: 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; Accession Number (s): NP_061824.3; Human Gene ID(s): 3206; Non-Human GeneID(s): 15395 (mouse)
Immunogen	PQATSCSFAQNIKE, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse
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 32000.
Western Blot	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
IHC	Immunohistochemistry: In paraffin embedded Human Testis shows nuclear staining preferentially in the spermatocytes and spermatids. Recommended concentration, 5-10µg/ml.
Reference	Reference(s): Petracco R, Grechukhina O, Popkhadze S, Massasa E, Zhou Y, Taylor HS. MicroRNA 135 regulates HOXA10 expression in endometriosis. <i>J Clin Endocrinol Metab</i> . 2011 Dec;96(12):E1925-33..PMID: 21956427->

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 end users! This product is sold for **Research Use Only**