

Goat anti-HOXA4 Antibody

Item Number	dAP-2146
Target Molecule	Principle Name: HOXA4; Official Symbol: HOXA4; All Names and Symbols: HOXA4; homeobox A4; HOX1; HOX1D; Dfd-like protein; Hox-1.4-like protein; homeo box A4; homeobox protein HOX-A4; Accession Number (s): NP_002132.3; Human Gene ID(s): 3201; Non-Human GeneID(s):
Immunogen	QAKGPAHGLHASH, is from internal region
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 32000.
Western Blot	Western Blot: Approx 36kDa band observed in Human Colon lysates (calculated MW of 34.5kDa according to NP_002132.3). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Klausen C, Leung PC, Auersperg N, Cell motility and spreading are suppressed by HOXA4 in ovarian cancer cells: possible involvement of beta1 integrin. Molecular cancer research : MCR 2009 Sep 7 (9): 1425-37..PMID: 19723874->

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**