

Goat anti-Homeobox A5 Antibody

Item Number	dAP-1270
Target Molecule	Principle Name: Homeobox A5; Official Symbol: HOXA5 ; All Names and Symbols: HOXA5; homeobox A5; HOX1; HOX1.3; HOX1C; MGC9376; homeo box 1C; homeo box A5; homeobox protein HOXA5; Accession Number (s): NP_061975.2; Human Gene ID(s): 3202; Non-Human GeneID(s): 15402 (mouse)
Immunogen	DSHHGGKNSLSN, is from internal region
Applications	Pep ELISA Species Tested:
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 16000.
Western Blot	Western Blot: Preliminary experiments gave an approx 100kDa band in Human Breast and Heart lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated s
IHC	
Reference	Reference(s): Okada Y, Jiang Q, Lemieux M, Jeannotte L, Su L, Zhang Y. Leukaemic transformation by CALM-AF10 involves upregulation of Hoxa5 by hDOT1L. Nat Cell Biol. 2006 Sep;8(9):1017-24. Epub 2006 Aug 20. Erratum in: Nat Cell;Biol. 2006 Oct;8(10):1178.PMID: 16921363.PMID: 16921363->

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**