

Goat anti-LHX2 Antibody

Item Number	dAP-1427
Target Molecule	Principle Name: LHX2; Official Symbol: LHX2; All Names and Symbols: LHX2; LIM homeobox 2; LH2; MGC138390; hLhx2; LIM HOX gene 2; LIM homeobox protein 2; Accession Number (s): NP_004780.3; Human Gene ID(s): 9355; Non-Human GeneID(s):
Immunogen	NLEGHEPHSPSQ, is from C Terminus
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 4000.
Western Blot	Western Blot: Approx 45kDa band observed in lysates of cell line Daudi (calculated MW of 44.4kDa according to NP_004780.3). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Mangale VS, Hirokawa KE, Satyaki PR, Gokulchandran N, Chikbire S, Subramanian L, Shetty AS, Martynoga B, Paul J, Mai MV, Li Y, Flanagan LA, Tole S, Monuki ES Lhx2 selector activity specifies cortical identity and suppresses hippocampal organizer fate Science. 2008 Jan 18;319(5861):304-

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**