

## Goat anti-LHX2 Antibody

<b>Item Number</b>	dAP-1427
<b>Target Molecule</b>	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 GenelD(s):
<b>Immunogen</b>	NLEGHEPHSPSQ, is from C Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 4000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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. <i>Science</i> . 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 end users! This product is sold for **Research Use Only**