

## Goat anti-HOXD12 Antibody

Item Number	dAP-2789
Target Molecule	Principle Name: HOXD12; Official Symbol: HOXD12; All Names and Symbols: HOXD12; homeobox D12; HOX4H; Hox-4.7, mouse, homolog of; homeo box D12; homeobox protein Hox-4H; homeobox protein Hox-D12; Accession Number (s): NP_067016.3; Human Gene ID(s): 3238; Non-Human GeneID(s):
Immunogen	PTAKDGPPEQAK, 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 1000.
Western Blot	Western Blot: Approx 37kDa band observed in Human Heart lysates (calculated MW of 29.0kDa according to NP_067016.3). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended concn
IHC	
Reference	Reference(s): Woo CJ, Kharchenko PV, Daheron L, Park PJ, Kingston RE. A region of the human HOXD cluster that confers polycomb-group responsiveness. Cell. 2010 Jan 8;140(1):99-110. : ..PMID: 20085705->

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**