

## Goat anti-FOXB1 / FKH5 Antibody

<b>Item Number</b>	dAP-0241
<b>Target Molecule</b>	Principle Name: FOXB1 / FKH5; Official Symbol: FOXB1; All Names and Symbols: FOXB1; forkhead box B1; FKH5; HFKH-5; Accession Number (s): NP_036314.2; Human Gene ID(s): 27023; Non-Human GeneID (s): 64290 (mouse)
<b>Immunogen</b>	TSPASALHSVAHV, is from C Terminus
<b>Applications</b>	Pep ELISA, WB, ICC, IF Species Tested: Human, Mouse
<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 32000.
<b>Western Blot</b>	Western Blot: Approx 35kDa band observed in nuclear lysates of cell line HepG2 (calculated MW of 35.0kDa according to NP_036314.2. Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Kloetzli JM, Fontaine-Glover IA, Brown ER, Kuo M, Labosky PA. The winged helix gene, Foxb1, controls development of mammary glands and regions of the CNS that regulate the milk-ejection reflex. Genesis. 2001 Feb;29(2):60-71..PMID: 11170346->

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**