

Goat anti-FOXA1 / HNF3A Antibody

Item Number	dAP-0222
Target Molecule	Principle Name: FOXA1 / HNF3A; Official Symbol: FOXA1; All Names and Symbols: FOXA1; HNF3A; fork-head box A1; TCF3A; MGC33105; hepatocyte nuclear factor 3, alpha; Accession Number (s): NP_004487.2; Human Gene ID(s): 3169; Non-Human GeneID(s): 15375 (mouse) 25098 (rat)
Immunogen	GVYSRPVLNTS, is from C Terminus
Applications	Pep ELISA, IHC 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 64000.
Western Blot	
IHC	Immunohistochemistry: In paraffin embedded Human Prostate shows preferential nuclear staining in the epithelial cells. Recommended concentration: 2-4µg/ml. Paraffin embedded Human Breast. Recommended concentration: 5µg/ml.
Reference	Reference(s): Lin L, Miller CT, Contreras JI, Prescott MS, Dagenais SL, Wu R, Yee J, Orringer MB, Misek DE, Hanash SM, Glover TW, Beer DG. The hepatocyte nuclear factor 3 alpha gene, HNF3alpha (FOXA1), on chromosome band 14q13 is amplified and overexpressed in esophageal and lung adenocarcinomas.

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**