

Goat anti-FOXI1 / FKHL10 Antibody

Item Number	dAP-0497
Target Molecule	Principle Name: FOXI1 / FKHL10; Official Symbol: FOXI1; All Names and Symbols: FOXI1; forkhead box I1; HFH3; FKHL10; FREAC6; HNF-3/fork-head homolog-3; forkhead-related activator 6; forkhead (Drosophila)-like 10; Forkhead, drosophila, homolog-like 10; hepatocyte nuclear factor 3 forkhead homolog 3; FKH10; MGC34197; forkhead-like 10; Accession Number (s): NP_036320.2; NP_658982.1; Human Gene ID(s): 2299; Non-Human GenelD(s):
Immunogen	TSGVLYPREGTEV, is from C Terminus This antibody is expected to recognise both reported human isoforms (NP_036320.2; NP_658982.1).
Applications	Pep ELISA, IHC Species Tested: Human, Mouse
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 32000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 50 kDa and 25 kDa in Human Kidney lysate after 1ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the predicted size.
IHC	Immunohistochemistry: In paraffin embedded Human Testis shows primarily nuclear staining in the primary spermatocytes. Recommended concentration: 2-4µg/ml. This product has been successfully used in Mouse Epididymus by a customer.
Reference	Reference(s): Pierrou S, Hellqvist M, Samuelsson L, Enerback S, Carlsson P. Cloning and characterization of seven human forkhead proteins: binding site specificity and DNA bending. EMBO J. 1994 Oct 17;13 (20):5002-12.. PMID: 7957066 ->

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**