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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06019 - Goat Anti-FOX11 / FKHL10 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: forkhead-like 10, MGC34197, FKH10, hepatocyte nuclear factor 3 forkhead homolog 3, Forkhead, drosophila, homolog-like 10, forkhead (Drosophila)-like 10, forkhead-related activator 6, HNF-3/fork-head homolog-3, FREAC6, FKHL10, HFH3, forkhead box I1, FOX11

Official Symbol: FOX11

Accession Number(s): NP_036320.2; NP_658982.1

Human GeneID(s): [2299](#)

Important Comments: This antibody is expected to recognise both reported human isoforms of this protein.

Immunogen

Peptide with sequence C-TSGVLYPREGTEV, from the C Terminus of the protein sequence according to NP_036320.2; NP_658982.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Preliminary experiments gave bands at approx 50 kDa and 25 kDa in Human Kidney lysate after 1 µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the predicted sizes of 41.0kDa according to NP_036320 (isoform a) and 30.8kDa according to NP_65892 (isoform b). The bands were successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

IHC: Immunohistochemistry: This product has been successfully used in Mouse Epididymus (Blomqvist et al, EMBO J. 2006 Sep 6;25(17):4131-41. PMID 16932748).

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human

Specific Reference

The goat polyclonal antibody used in this paper was manufactured by us:

Blomqvist SR, Vidarsson H, Söder O, Enerbäck S.

Epididymal expression of the forkhead transcription factor Foxi1 is required for male fertility.

EMBO J. 2006 Sep 6;25(17):4131-41.

PMID: 16932748