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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.

EB06021 - Goat Anti-FOXL1 / FKH6 / FREAC7 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: forkhead-like 11, forkhead (Drosophila)-like 11, FREAC7, FKHL11, FKH6, forkhead box L1, FOXL1

Official Symbol: FOXL1

Accession Number(s): NP_005241.1

Human GeneID(s): [2300](#)

Immunogen

Peptide with sequence C-YFPLQVPDVLHFQ, from the C Terminus of the protein sequence according to NP_005241.1.

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 1:16000.

Western blot: Preliminary experiments gave an approx 90-100kDa band in lysates of Human Heart, Skeletal Muscle, Colon, Duodenum and Pancreas after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 36.5kDa according to NP_005241.1. The 90-100kDa band was 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?

Species Reactivity

Tested:

Expected from sequence similarity: Human

Background Reference

Fukamachi H, Fukuda K, Suzuki M, Furumoto T, Ichinose M, Shimizu S, Tsuchiya S, Horie S, Suzuki Y, Saito Y, Watanabe K, Taniguchi M, Koseki H.

Mesenchymal transcription factor Fkh6 is essential for the development and differentiation of parietal cells.

Biochem Biophys Res Commun. 2001 Feb 2;280(4):1069-76.

PMID: 11162636