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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB06392-T - Goat Anti-FOXO3A / FOXO3 / FKHRL1 Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: FOXO3A, FKHRL1, AF6q21, FKHRL1P2, MGC12739, MGC31925, DKFZp781A0677, forkhead box O3A, forkhead (Drosophila) homolog (rhabdomyosarcoma) like 1, forkhead, Drosophila, homolog of, in rhabdomyosarcoma-like 1, FOXO3, forkhead box O3, FOXO2, forkhead homolog (rhabdomyosarcoma) like 1, forkhead, Drosophila, homolog of, in rhabdomyosarcoma-like 1

Official Symbol: FOXO3

Accession Number(s): NP_001446.1

Human GeneID(s): [2309](#)

Non-Human GeneID(s): 56484 (mouse)

Important Comments: Both variants represent identical protein (NP_001446.1 and NP_963853.1).

Immunogen

Peptide with sequence C-GAKQASSQSWVPG, from the C Terminus of the protein sequence according to NP_001446.1.

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 1:8000.

Western blot: Approx 70kDa band observed in Human Heart lysates (calculated MW of 71.3kDa according to NP_001446.1). Recommended concentration: 0.1-1 µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse for this particular batch.

IHC: Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

EB06392 (0.3µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer) with (A) and without (B) blocking with the immunising peptide. Detected by chemiluminescence.

EB06392 (5µg/ml) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

EB06392 Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.