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

EB05469 - Goat Anti-KLF8 / BKLF3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: KLF8, BKLF3, Kruppel-like factor 8, RP13-1021K9.1, DKFZp686O08126, DXS741, MGC138314, ZNF741, zinc finger protein 741, basic kruppel-like factor 3

Official Symbol: KLF8

Accession Number(s): NP_009181.2; NP_001152768.1

Human GeneID(s): [11279](#)

Important Comments: This antibody is expected to recognise isoform 1 (NP_009181.2) and isoform 2 (NP_001152768.1).

Immunogen

Peptide with sequence VDMDKLINNLEVQ-C, from the N Terminus of the protein sequence according to NP_009181.2; NP_001152768.1.

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: Approx 50kDa band observed in Human Kidney lysates (calculated MW of 39.3 according to NP_009181.2). In glioblastomas this protein was reported to run at approx. 60kDa (Ding et al. J Biol Chem. 2005 Feb 25;280(8):6802-15; PMID: 15557280).

Recommended concentration: 1-3µg/ml.

IHC: Paraffin embedded Human Small Intestine. Recommended concentration: 3.75µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Pig

EB05469 staining (2µg/ml) of Human Kidney lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.

EB05469 (3.75µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.