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EB05473 - Goat Anti-KLF4 / GKLF Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: KLF4, GKLF, Kruppel-like factor 4 (gut), EZF, endothelial Kruppel-like

zinc finger protein

Official Symbol: KLF4

Accession Number(s): NP_004226.2

Human GeneID(s): 9314

Immunogen

Peptide with sequence AVSDALLPSFST-C, from the N Terminus of the protein sequence according to NP_004226.2.

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 1:64000.

Western blot: Experiments gave strong bands at 75-90kDa and a faint 50-kDa band in Human Duodenal lysate after 0.1µg/ml antibody staining. These bands correspond to earlier findings in literature (Piccinni et al, J. Biol. Chem., Vol. 279 (10), 9103-9114). All these bands were successfully blocked by incubation with the immunizing peptide. Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

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



EB05473 (0.1μg/ml) staining of Human Duodenum lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.