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

EB05475 - Goat Anti-KLF2 / LKLF Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: KLF2, Kruppel-like factor 2 (lung), LKLF, Kruppel-like factor LKLF, lung Kruppel-like zinc finger transcription factor

Official Symbol: KLF2

Accession Number(s): NP_057354.1

Human GeneID(s): [10365](#)

Non-Human GeneID(s): 16598 (mouse)

Immunogen

Peptide with sequence ALSEPILPSFST-C, from the N Terminus of the protein sequence according to NP_057354.1.

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: Approx 37kDa band observed in Human Heart and Lung lysates (calculated MW of 37.4kDa according to NP_057354.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Rat Brain and Mouse Heart for this particular batch.

Species Reactivity

Tested: Human

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

EB05475 (1µg/ml) staining of Human Heart (A) and Lung (B) lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.