



Goat anti-KLF2 / LKLF Antibody

Item Number	dAP-0467
Target Molecule	Principle Name: KLF2 / LKLF; Official Symbol: KLF2; All Names and Symbols: KLF2; Kruppel-like factor 2 (lung); LKLF; Kruppel-like factor LKLF; lung Kruppel-like zinc finger transcription factor; Accession Number (s): NP_057354.1; Human Gene ID(s): 10365; Non-Human GeneID(s): 16598 (mouse)
Immunogen	ALSEPILPSFST, is from N Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	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
IHC	
Reference	Reference(s): Anderson KP, Kern CB, Crable SC, Lingrel JB. Isolation of a gene encoding a functional zinc finger protein homologous to erythroid Kruppel-like factor: identification of a new multigene family. Mol Cell Biol. 1995 Nov;15(11):5957-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**