

## Goat anti-KLF4 / GKLF Antibody

<b>Item Number</b>	dAP-0489
<b>Target Molecule</b>	Principle Name: KLF4 / GKLF; Official Symbol: KLF4; All Names and Symbols: KLF4; GKLF; Kruppel-like factor 4 (gut); EZF; endothelial Kruppel-like zinc finger protein; Accession Number (s): NP_004226.2; Human Gene ID(s): 9314; Non-Human GeneID(s):
<b>Immunogen</b>	AVSDALLPSFST, is from N Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	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)
<b>IHC</b>	
<b>Reference</b>	Reference(s): Shields JM, Christy RJ, Yang VW. Identification and characterization of a gene encoding a gut-enriched Kruppel-like factor expressed during growth arrest. J Biol Chem. 1996 Aug 16;271(33):20009-17..PMID: 8702718->

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**