

## Goat anti-KLF8 / BKLF3 Antibody

**Item Number** dAP-0100

**Target Molecule** Principle Name: KLF8 / BKLF3; Official Symbol: KLF8; All Names and Symbols: KLF8; BKLF3; Kruppel-like factor 8; RP13-1021K9.1; DKFZp686O08126; DXS741; MGC138314; ZNF741; zinc finger protein 741; basic kruppel-like factor 3; Accession Number (s): NP\_009181.2; NP\_001152768.1; Human Gene ID(s): 11279; Non-Human GeneID(s):

**Immunogen** VDMDKLINNLEVQ, is from N Terminus  
This antibody is expected to recognise isoform 1 (NP\_009181.2) and isoform 2 (NP\_001152768.1).

**Applications** Pep ELISA, WB, IHC

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 32000.

**Western Blot** 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 appr. 60kDa (Ding et al . J Biol Chem. 2005 Feb 25;280(8):6802-15; PMID: 15557280). Re

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

**Reference** Reference(s): van Vliet J, Turner J, Crossley M. Human Kruppel-like factor 8: a CACCC-box binding protein that associates with CtBP and represses transcription. Nucleic Acids Res. 2000 May 1;28(9):1955-62..PMID: 10756197->

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 end users! This product is sold for **Research Use Only**