

## UK Office

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

## EB05469 - Goat Anti-KLF8 / BKLF3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** KLF8, BKLF3, Kruppel-like factor 8, RP13-1021K9.1, DKFZp686O08126, DXS741, MGC138314, ZNF741, zinc finger protein 741, basic kruppel-like factor 3

**Official Symbol:** KLF8

**Accession Number(s):** NP\_009181.2; NP\_001152768.1; NP\_001311029.1

**Human GeneID(s):** [11279](#)

**Important Comments:** This antibody is expected to recognise isoform 1 (NP\_009181.2) and isoform 2 (NP\_001152768.1).

### Immunogen

Peptide with sequence VDMDKLINNLEVQ-C, from the N Terminus of the protein sequence according to NP\_009181.2; NP\_001152768.1; NP\_001311029.1.

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 1:32000.

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

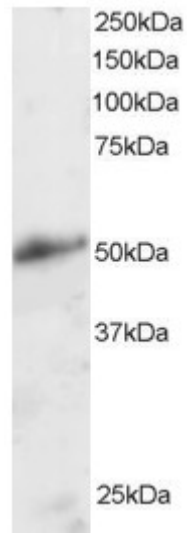
Recommended concentration: 1-3µg/ml.

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

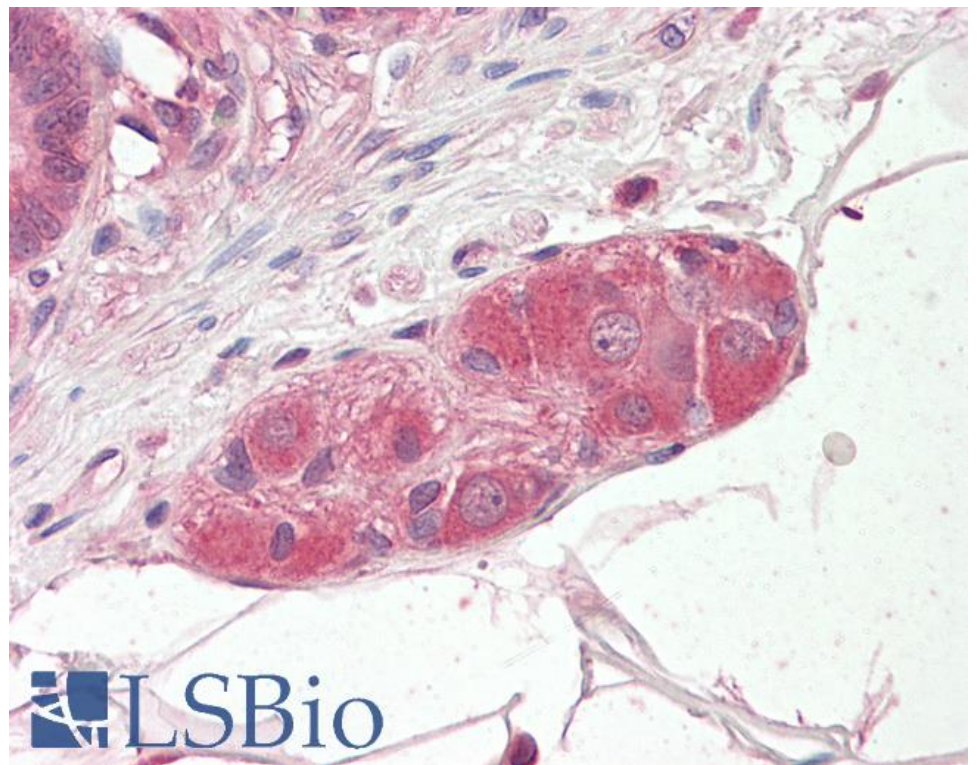
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB05469 staining (2 $\mu$ g/ml) of Human Kidney lysate (RIPA buffer, 30 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.



EB05469 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.