



## International Office

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

## EB12269 - Goat Anti-kininogen 1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** KNG1, kininogen 1, BDK, KNG, HMWK, alpha-2-thiol proteinase inhibitor, bradykinin, fitzgerald factor, high molecular weight kininogen, kininogen-1, williams-Fitzgerald-Flaujeac factor

**Official Symbol:** KNG1

**Accession Number(s):** NP\_001095886.1; NP\_000884.1; NP\_001159923.1

**Human GeneID(s):** [3827](#)

**Important Comments:** This antibody is expected to recognize all reported isoforms (NP\_001095886.1; NP\_000884.1; NP\_001159923.1).

### Immunogen

Peptide with sequence C-RITEATKTVGSDT, from the internal region (near N terminus) of the protein sequence according to NP\_001095886.1; NP\_000884.1; NP\_001159923.1.

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 1:128000.

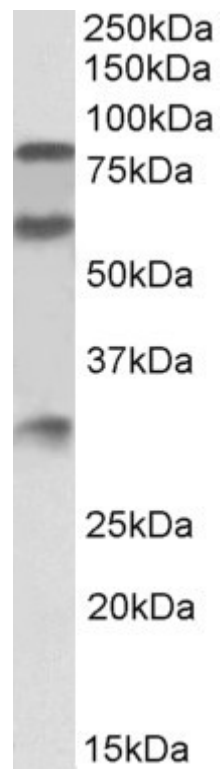
**Western blot:** Approx 80+60+30kDa bands observed in Human Kidney lysates (calculated MW of 72.0kDa according to NP\_001095886.1). The observed MW bands are explained by glycosylation and the splitting into heavy and light chains from the precursor protein. Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Liver. Recommended concentration: 5µg/ml.

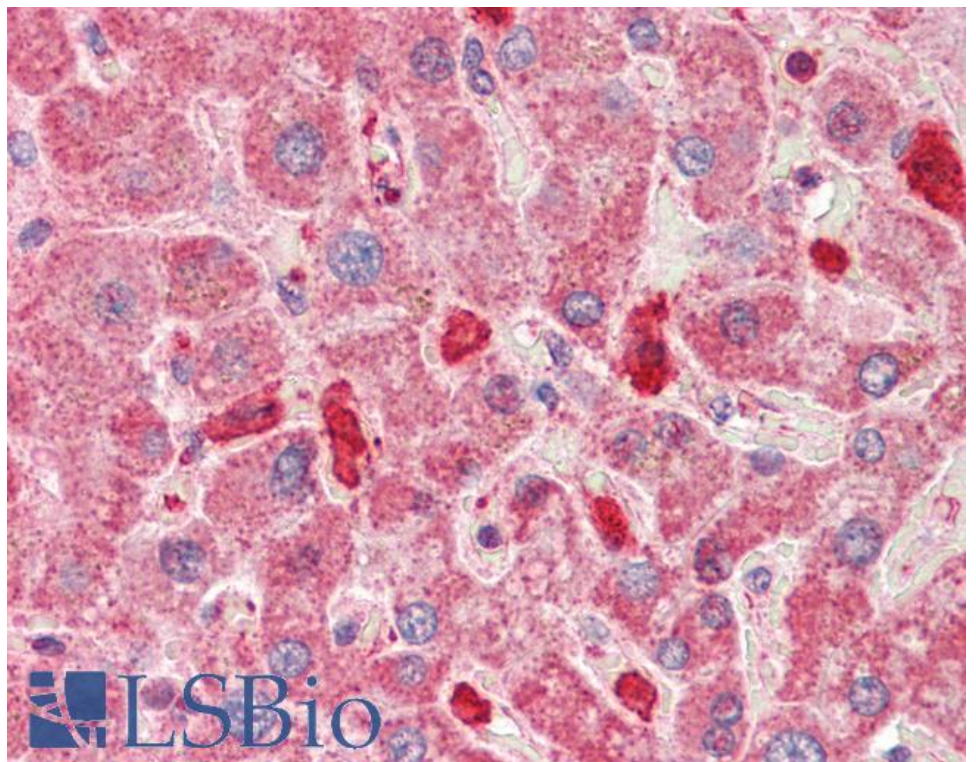
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB12269 (0.3 $\mu$ g/ml) staining of Human Kidney lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB12269 (5 $\mu$ g/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.