

### **International Office**

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# EB12270 - Goat Anti-kininogen 1 (aa268-279) 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 GenelD(s): <u>3827</u>

**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-PRDIPTNSPELE, from the internal region 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.

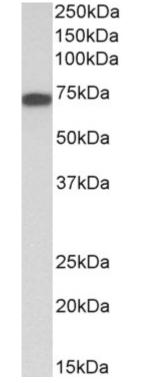
Aliquot and store at -20°C. Minimize freezing and thawing.

# **Applications Tested**

**Peptide ELISA:** antibody detection limit dilution 1:128000. **Western blot:** Approx 70kDa band observed in Albumin-depleted Human Plasma lysates (calculated MW of 72.0kDa according to NP\_001095886.1). Recommended concentration: 0.03-0.1µg/ml.

# **Species Reactivity**

Tested: Human Expected from sequence similarity: Human



EB12270 (0.03µg/ml) staining of Albumin-depleted Plasma lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.