

kininogen 1 (aa268-279) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF4039a**Specification**

kininogen 1 (aa268-279) Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	P01042
Other Accession	NP_001095886.1 , NP_000884.1 , NP_001159923.1 , 3827
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	71957

kininogen 1 (aa268-279) Antibody (internal region) - Additional Information**Gene ID** 3827**Other Names**

Kininogen-1, Alpha-2-thiol proteinase inhibitor, Fitzgerald factor, High molecular weight kininogen, HMWK, Williams-Fitzgerald-Flaujeac factor, Kininogen-1 heavy chain, T-kinin, Ile-Ser-Bradykinin, Bradykinin, Kallidin I, Lysyl-bradykinin, Kallidin II, Kininogen-1 light chain, Low molecular weight growth-promoting factor, KNG1, BDK, KNG

Dilution

WB~~1:1000
E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

kininogen 1 (aa268-279) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

kininogen 1 (aa268-279) Antibody (internal region) - Protein Information**Name** KNG1**Synonyms** BDK, KNG

Function

Kininogens are inhibitors of thiol proteases. HMW-kininogen plays an important role in blood coagulation by helping to position optimally prekallikrein and factor XI next to factor XII; HMW-kininogen inhibits the thrombin- and plasmin-induced aggregation of thrombocytes. LMW-kininogen inhibits the aggregation of thrombocytes. LMW-kininogen is in contrast to HMW-kininogen not involved in blood clotting.

Cellular Location

Secreted, extracellular space.

Tissue Location

Secreted in plasma. T-kinin is detected in malignant ovarian, colon and breast carcinomas, but not in benign tumors.

kininogen 1 (aa268-279) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

kininogen 1 (aa268-279) Antibody (internal region) - Images

AF4039a (0.03 µg/ml) staining of Albumin-depleted Plasma lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

kininogen 1 (aa268-279) Antibody (internal region) - Background

This antibody is expected to recognize all reported isoforms (NP_001095886.1; NP_000884.1; NP_001159923.1).

kininogen 1 (aa268-279) Antibody (internal region) - References

High molecular weight kininogen activates B2 receptor signaling pathway in human vascular endothelial cells. Kolte D, Osman N, Yang J, Shariat-Madar Z. J Biol Chem. 2011 Jul 15;286(28):24561-71. PMID: 21586566