

anti-Mouse Kininogen 1 Polyclonal Antibody | anti-Kng1 antibody

Anti-Kininogen 1 Antibody

CATALOG # AAA46443	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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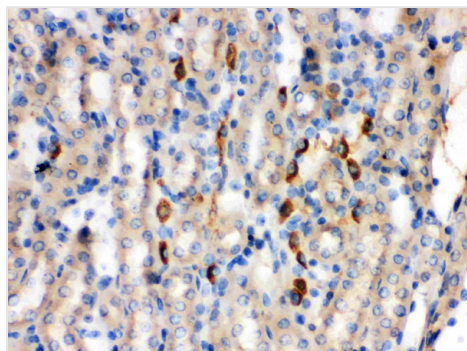
PRODUCT SYNONYMS

Kininogen 1; Polyclonal Antibody; Anti-Kininogen 1 Antibody; Kininogen-1; Alpha-2-thiol proteinase inhibitor; BDK; BK; Bradykinin; Fitzgerald factor; High molecular weight kininogen; HMWK; Ile-Ser-Bradykinin; Kallidin I; Kallidin II; Kininogen; KNG; KNG1; KNG1_HUMAN; Low molecular weight growth-promoting factor; Williams-Fitzgerald-Flaujeac factor; kininogen 1; anti-Kng1 antibody

PRODUCT SPECIFICATIONS

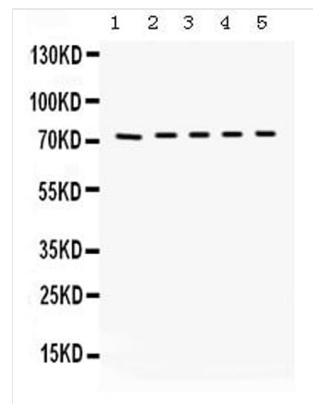
Reactivity	Mouse
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	661
Applicable Applications for anti-Kng1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of mouse Kininogen 1 (227-259aa ECRGNLFMDINNKANFSQSCTLYSGDDLVEA L), different from the related rat sequence by thirteen amino acids.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti- Kininogen 1 Picoband antibody, AAA46443, IHC(P)IHC(P): Mouse Kidney Tissue



WB (Western Blot)

Anti- Kininogen 1 Picoband antibody, AAA46443, Western blottingAll lanes: Anti Kininogen 1 (AAA46443) at 0.5ug/mlLane 1: Mouse Lung Tissue Lysate at 50ugLane 2: Mouse Testis Tissue Lysate at 50ugLane 3: Mouse Liver Tissue Lysate at 50ugLane 4: HEPA Whole Cell Lysate at 40ugLane 5: NEURO Whole Cell Lysate at 40ugPredicted bind size: 73KDObserved bind size: 73KD

ADDITIONAL INFORMATION

Related Product Information for anti-Kng1 antibody	Description: Rabbit IgG polyclonal antibody for Kininogen-1(KNG1) detection. Tested with WB, IHC-P in Mouse. Background: Kininogen-1 (KNG1), also known as BDK or bradykinin, is a protein that in humans is encoded by the KNG1 gene. It is mapped to 3q27.3. The KNG1 gene uses alternative splicing to generate two different proteins high molecular - weight kininogen (HMWK) and low - molecular- weight kininogen (LMWK). HMWK is essential for blood coagulation and assembly of the kallikrein-kinin system. Also, KNG1, a peptide causing numerous physiological effects, is released from HMWK. In contrast to HMWK, LMWK is not involved in blood coagulation. In addition to that, KNG1 is a constituent of the blood coagulation system as well as the kinin-kallikrein system.
References	1. "Entrez Gene: kininogen 1". 2. Fong, D., Smith, D. I., Hsieh, W.-T. The human kininogen gene (KNG) mapped to chromosome 3q26-qter by analysis of somatic cell hybrids using the polymerase chain reaction. Hum. Genet. 87: 189-192, 1991.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156231021
NCBI GeneID	16644
NCBI Accession #	NP_001095881.1
NCBI GenBank Nucleotide #	NM_001102411.1
UniProt Accession #	O08677; O08676; Q32MX7; Q6S9I1; Q91XK5
Molecular Weight	53,206 Da
NCBI Official Full Name	kininogen-1 isoform 1
NCBI Official Synonym Full Names	kininogen 1
NCBI Official Symbol	Kng1
NCBI Official Synonym Symbols	Kng
NCBI Protein Information	kininogen-1
UniProt Protein Name	Kininogen-1
UniProt Gene Name	Kng1
UniProt Synonym Gene Names	Kng
UniProt Entry Name	KNG1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kininogen-1-antibody-immunohistochemistry-western-blot-elisa/46443>