

Rabbit Kininogen 1 Polyclonal Antibody | anti-KNG1 antibody

Polyclonal Antibody to Kininogen 1 (KNG1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21045	Rabbit	Rat, Human, Mouse	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Kininogen 1; Polyclonal Antibody; Polyclonal Antibody to Kininogen 1 (KNG1); BDK; KNG; HMWK; Alpha-2-Thiol Proteinase Inhibitor; Bradykinin; Kallidin; Fitzgerald factor; High molecular weight kininogen; Williams-Fitzgerald-Flaujeac factor; Ile-Ser-Bradykinin; anti-KNG1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat, Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against KNG1. It has been selected for its ability to recognize KNG1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	644
Applicable Applications for anti-KNG1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 1:50-400 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Enzyme-linked Immunosorbent Assay: 1:100-1:5000
Fragment	KNG1 (Gln19~Arg380)
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse, Rat
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant KNG1 (Gln19~Arg380) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN ₃ 0.02%.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on fromalin fixed paraffin- embedded kidney tissue



WB (Western Blot)
Western Blot: Sample: Human 293T cell lysate; Primary Ab: 5ug/ml Rabbit Anti-Rat KNG1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Human Hela cell lysate; Primary Ab: 5ug/ml Rabbit Anti-Rat KNG1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)
Western Blot: Sample: Human MCF7 cell lysate; Primary Ab: 5ug/ml Rabbit Anti-Rat KNG1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)
Western Blot: Sample: Mouse Serum; Primary Ab: 5ug/ml Rabbit Anti-Rat KNG1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	7549773
NCBI GeneID	25087
NCBI Accession #	NP_036873.1
NCBI GenBank Nucleotide #	NM_012741.1
UniProt Accession #	P08934; P08933
Molecular Weight	47,891 Da
NCBI Official Full Name	kininogen-1 isoform 1
NCBI Official Synonym Full Names	kininogen 2-like 1
NCBI Official Symbol	Kng2l1
NCBI Official Synonym Symbols	Kng1; Kng2; Kngk; KINKG; KINKH; kininogen
NCBI Protein Information	kininogen-1
UniProt Protein Name	Kininogen-1
UniProt Gene Name	Kng1
UniProt Synonym Gene Names	Kng

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.