



ELK Biotechnology

Kininogen 1 Rabbit pAb

Catalog NO.: EA367

For research use only.

Overview

Product name	Kininogen 1 Rabbit polyclonal antibody
Source	Rabbit
Applications	WB, IHC
Species reactivity	Human, Mouse, Rat
Recommended dilutions	WesternBlot:1/1500-1000 Immunohistochemistry:1/100-200 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	45-120kDa
GeneID (Human)	3827
Human Swiss-Prot No.	P01042
Cellular localization	Secreted
Alternative Names	BDK, Fitzgerald factor, HMWK, Ile Ser Bradykinin Bradykinin, Kallidin I Lysyl bradykinin, kininogen 1, KNG, KNG1
Background	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; the active peptide bradykinin that is released from HMW-kininogen shows a variety of physiological effects. LMW-kininogen inhibits the aggregation of

thrombocytes; LMW-kininogen is in contrast to HMW-kininogen not involved in blood clotting. UCHL1, UCHL3, UCHL5/UCH37, and BRCA-1-associated protein-1 (BAP1) belong to the UCH family of DUBs, which all possess a conserved catalytic domain (UCH domain) of about 230 amino acids. UCHL1 is abundantly expressed in neuronal tissues and testes.



Western blot analysis of 1) Human Serum, 2) Rat Kidney Tissue Lysate, 3) Mouse Kidney Tissue Lysate using (EA367) Rabbit pAb diluted at 1:1000.