



Kininogen 1 Rabbit rabbit pAb

Cat No.:ES20692

For research use only

Overview

Product Name	Kininogen 1 Rabbit rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human; Mouse; Rat
Recommended dilutions	IHC-p 1:50-200, WB 1:500-2000
Immunogen	Recombinant Protein derived from human Kininogen 1
Specificity	This antibody detects endogenous levels of human Kininogen 1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Kininogen 1
Gene Name	KNG1 BDK KNG
Cellular localization	Secreted, extracellular space.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	45-120kD
Human Gene ID	3827
Human Swiss-Prot Number	P01042
Alternative Names	Kininogen-1 (Alpha-2-thiol proteinase inhibitor) (Fitzgerald factor) (High molecular weight kininogen) (HMWK) (Williams-Fitzgerald-Flaujeac factor) [Cleaved into: Kininogen-1 heavy chain; T-kinin (Ile-Ser-Bradykinin); Bradykinin (Kallidin I); Lysyl-bradyk
Background	This 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, bradykinin, a peptide causing numerous physiological effects, is released from HMWK. Bradykinin also functions as an antimicrobial peptide with antibacterial and antifungal activity. In contrast to HMWK, LMWK is not involved in blood coagulation. Three transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Nov 2014],

Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

