

Kininogen 1 Polyclonal Antibody

Catalog number: 11926-1-AP

Size: 31 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

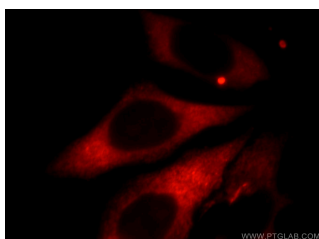
KNG1; BDK, Fitzgerald factor,

HMWK, Ile Ser Bradykinin

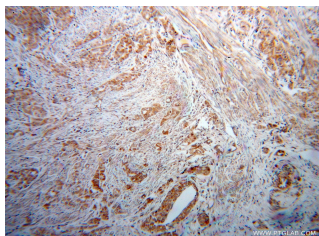
Bradykinin, Kallidin I Lysyl

bradykinin, kininogen 1, KNG,

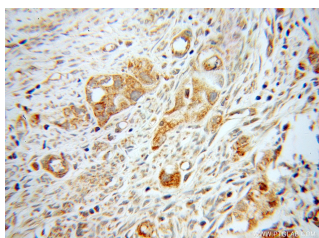
KNG1



Immunofluorescent analysis of HepG2 cells, using KNG1 antibody 11926-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical of paraffin-embedded human endometrial cancer using 11926-1-AP(KNG1 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human endometrial cancer using 11926-1-AP(KNG1 antibody) at dilution of 1:50 (under 40x lens)

Background

Kininogens are inhibitors of thiol proteases. Kininogen 1 plays important role in Kinin-kallikrein system. This gene is translated into High-molecular weight kininogen (HMWK) and low-molecular weight kininogen (LMWK) after alternative splicing. HMWK is produced by the liver together with prekallikrein. It acts mainly as a cofactor on coagulation and inflammation, and has no intrinsic catalytic activity. LMWK is produced locally by numerous tissues, and secreted together with tissue kallikrein. 11926-1-AP was generated against N-terminal 300 aa of HMW kininogen. It can bind both HMW and LMW kininogen.

Applications

Tested applications:	ELISA, WB, IHC, IF
Species specificity:	Human; other species not tested.
Calculated Kininogen 1 MW:	644aa, 72kd
Observed Kininogen 1 MW:	60 kDa or 47 kDa
Positive WB detected in	HeLa cells, A2780 cells, COLO 320 cells, MCF7 cells
Positive IHC detected in	Human endometrial cancer tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:400 - 1:1600 IHC: 1:25 - 1:100 IF: 1:12.5 - 1:50

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2574
GenBank accession number:	BC060039
Gene ID (NCBI):	3827
Full name:	Kininogen 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.