

Rabbit Kininogen 1 Polyclonal Antibody

Affinity purified Rabbit polyclonal Kininogen 1 antibody

CATALOG # AAA224747	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry
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PRODUCT SYNONYMS

Kininogen 1; Polyclonal Antibody; Affinity purified Rabbit polyclonal Kininogen 1 antibody; Polyclonal Kininogen 1; Anti-Kininogen 1;; high molecular weight kininogen; anti-Kininogen 1 antibody

PRODUCT SPECIFICATIONS

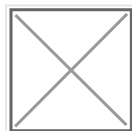
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Kininogen 1 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 1X PBS, 40% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-Kininogen 1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Immunogen	Kininogen 1 antibody was raised in rabbit using a recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 416 of Kininogen 1
Cross-Reactivity	Human
Preparation and Storage	Store at 4 deg C for short term storage. Aliquot and store at -20 deg C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



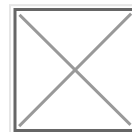
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded A549 xenograft using Kininogen 1 antibody at a dilution of 1:500



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Kininogen-1 antibody at 1:200 dilution.



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Molt-4) using a 10 % SDS PAGE gel and Kininogen 1 antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-Kininogen 1 antibody	High molecular weight kininogen (HMWK) plays an important role in assembly of the plasma kallikrein -kinin system. The KNG1 gene generates both HMWK and low molecular weight kininogen (LMWK) through alternative splicing. Both HMWK and LMWK contain an identical heavy chain consisting of protein domains 1, 2, and 3. However, HMWK contains a 56-kD light chain that consists of domains 5 and 6H, whereas LMWK contains a unique 4-kD light chain that consists of domain 5L. In both proteins, the heavy and light chains are linked by domain 4, which contains the bradykinin (BK) nonapeptide. BK, which is released by plasma kallikrein, is a potent inflammatory mediator that causes vasodilation and enhanced capillary permeability, induces pain, and stimulates production of nitric oxide and prostacyclin from endothelial cells. During vascular damage, BK stimulates smooth muscle proliferation and intimal hypertrophy.
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NCBI AND UNIPROT INFORMATION

Molecular Weight	48 kDa
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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-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/224747>