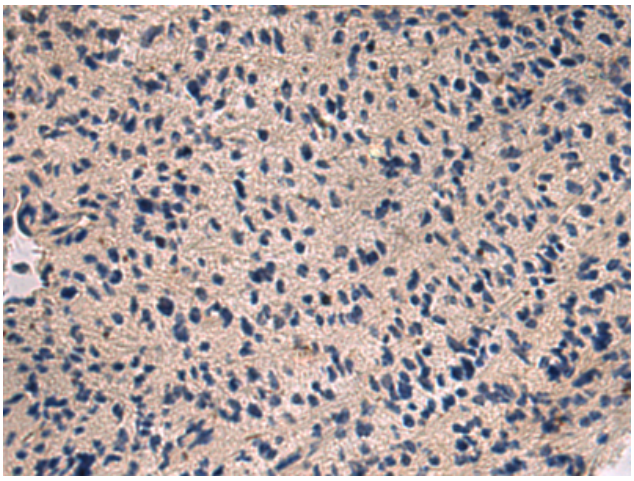
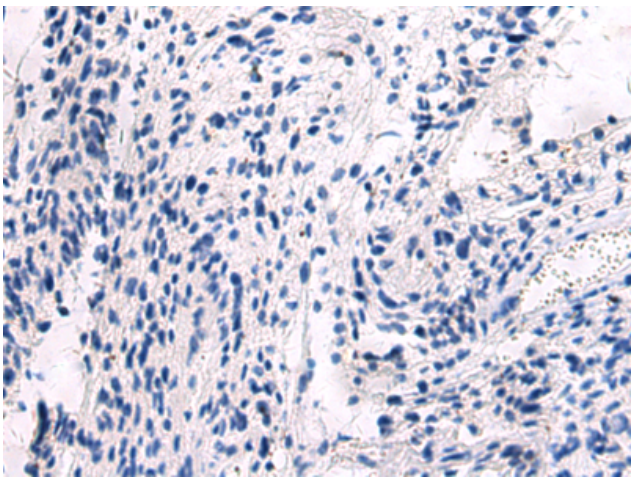
KNG1 RABBIT PAB

Cat.#: S216098
Product Name: Anti-KNG1 Rabbit Polyclonal Antibody
Synonyms: BK; BDK; KNG; HMWK
UNIPROT ID: P01042 (Gene Accession - NP_001095886)
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.
Immunogen: Synthetic peptide of human KNG1
Applications: ELISA, IHC
Recommended Dilutions: IHC: 25-50; ELISA: 5000-10000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Signal Transduction, Cardiovascular
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human brain using 216098(KNG1 Antibody) at a dilution of 1/30(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human brain is first treated with the synthetic peptide and then with 216098(Anti-KNG1 Antibody) at dilution 1/30.