

KLK2 RABBIT PAB

Cat.#: S219876

Product Name: Anti-KLK2 Rabbit Polyclonal Antibody

Synonyms: hK2, hGK-1, KLK2A2

UNIPROT ID: P20151 (Gene Accession - NP_005542)

Background: This gene encodes a member of the granular kallikrein protein family. Kallikreins are a subgroup of serine proteases that are clustered on chromosome 19. Members of this family are involved in a diverse array of biological functions. The protein encoded by this gene is a highly active trypsin-like serine protease that selectively cleaves at arginine residues. This protein is primarily expressed in prostatic tissue and is responsible for cleaving pro-prostate-specific antigen into its enzymatically active form. This gene is highly expressed in prostate tumor cells and may be a prognostic maker for prostate cancer risk. Alternate splicing results in both coding and non-coding transcript variants.

Immunogen: Synthetic peptide of human KLK2

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 1000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

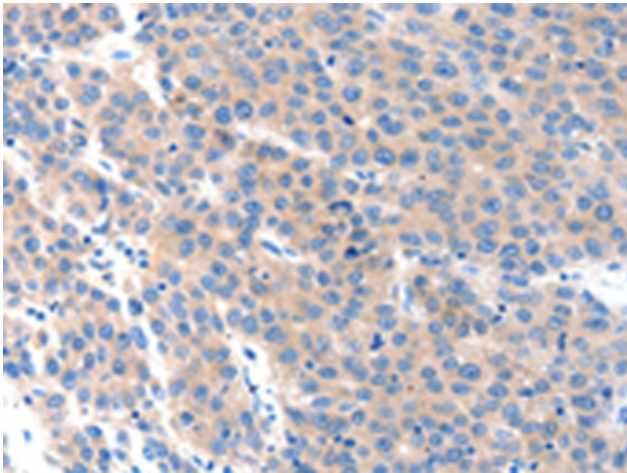
Purification: Antigen affinity purification

Species Reactivity: Human

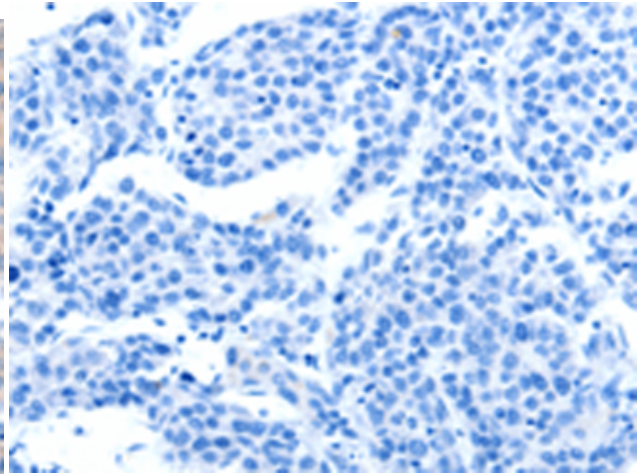
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cell Biology

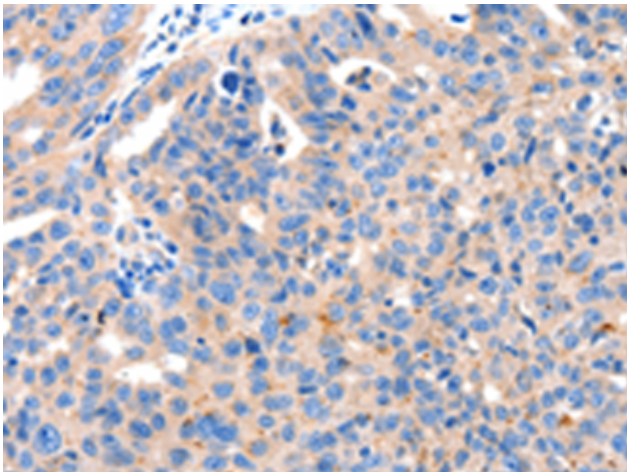
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



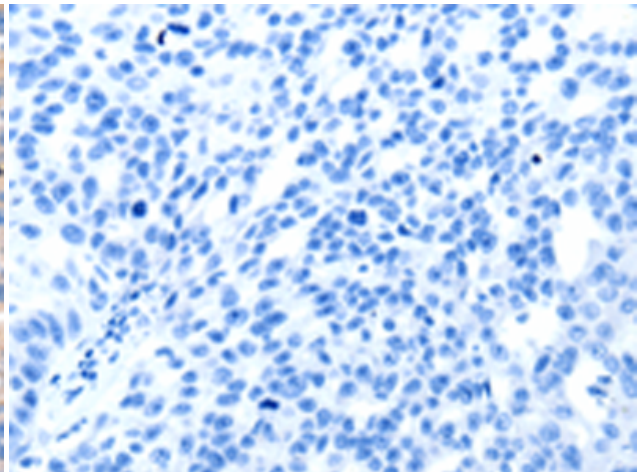
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219876 (KLK2 Antibody) at a dilution of 1/100 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 219876 (Anti-KLK2 Antibody) at dilution 1/100.



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 219876 (Anti-KLK2 Antibody) at a dilution of 1/100.



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D260535 (Anti-KLK2 Antibody) at dilution 1/100.