



A Reliable Research Partner in Life Science and Medicine

# **KLK2 Polyclonal Antibody**

catalog number: D-AB-10371L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### **Description**

Reactivity Human

Immunogen Recombinant Human KLK2 protein expressed by E.coli

Host Rabbit Isotype IgG

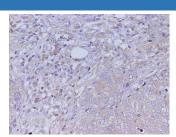
**Purification** Antigen Affinity Purification

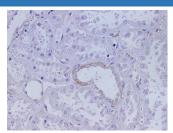
**Buffer** PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

IHC 1:1000-1:2000

#### Data





Rev. V2.1

Immunohistochemistry of paraffin-embedded Human breast Immunohistochemistry of paraffin-embedded Human kidney cancer using KLK2 Polyclonal Antibody at dilution of 1:2000 using KLK2 Polyclonal Antibody at dilution of 1:2000

### **Preparation & Storage**

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping The product is shipped with ice pack, upon receipt, store it immediately at the

temperature recommended.

## **Background**

This gene encodes a member of the grandular 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.

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