

## Product datasheet for **TA322585**

### Kallikrein 2 (KLK2) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 235-246 amino acids of Human kallikrein-related peptidase 2
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	kallikrein related peptidase 2
Database Link:	<a href="#">NP_005542</a> <a href="#">Entrez Gene 3817 Human</a> <a href="#">P20151</a>



[View online »](#)

**Background:**

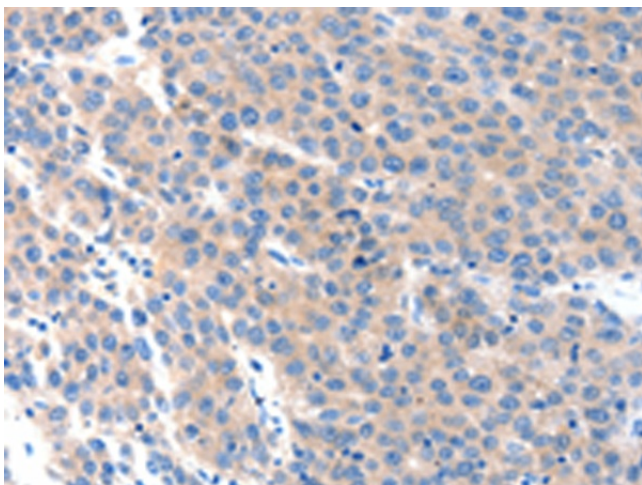
This gene encodes a member of the grandular kallikrein protein family. Kallikreins are a subgroup of serine proteases that are clustered on chromosome 19. Members of this family are involved in a diverse array of biological functions. The protein encoded by this gene is a highly active trypsin-like serine 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.

**Synonyms:**

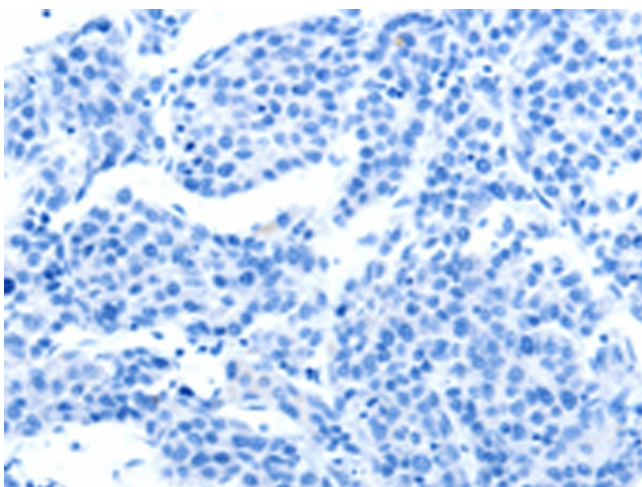
hGK-1; hK2; KLK2A2

**Protein Families:**

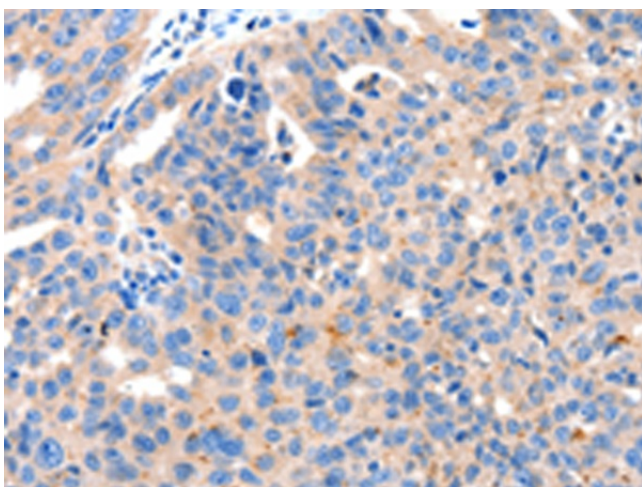
Druggable Genome, Protease

**Product images:**

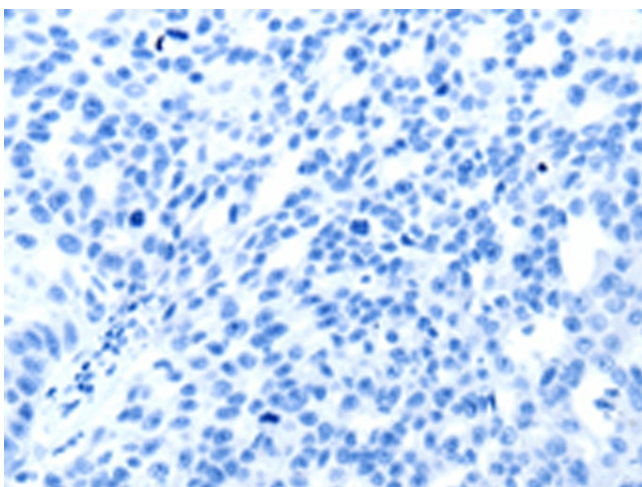
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA322585 (KLK2 Antibody) at dilution 1/100 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA322585 (KLK2 Antibody) at dilution 1/100, treated with synthetic peptide. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA322585 (KLK2 Antibody) at dilution 1/100 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA322585 (KLK2 Antibody) at dilution 1/100, treated with synthetic peptide. (Original magnification:  $\times 200$ )