

## Cleaved-KLK11 (I54) polyclonal antibody

Catalog: BCP00521

Host: Rabbit

Reactivity: Human,Mouse,Rat

### BackGround:

Kallikreins (KLKs) belong to the serine protease family of proteolytic enzymes. Human pancreatic/renal KLK encodes for the KLK1 enzyme, which is involved in post-translational processing of polypeptide precursors. The function of the other members of KLK gene family is currently unknown, but evidence suggests that many KLKs are implicated in carcinogenesis. The human KLK gene family consists of 15 serine proteases. The human KLK genes are clustered on chromosome 19q13. Unlike other kallikreins, the KLK4-15 encoded proteases are less related and do not contain a conventional KLK loop. Clusters of genes exhibit high prostatic (KLK2-4, KLK15) or pancreatic (KLK6-13) expression. KLK2 is also known as glandular kallikrein 2, tissue kallikrein or HGK-1, and KLK3 is known as prostate-specific antigen (PSA). Both KLK2 and KLK3 have important applications in prostate cancer and breast cancer diagnostics. KLK4, KLK5, KLK9, KLK13, KLK12 and KLK14 have been previously known as KLK-L1, KLK-L2, KLK-L3, KLK-L4, KLK-L5 and KLK-L6, respectively.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 25, 31 kDa

### Swiss-Prot:

Q9UBX7

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

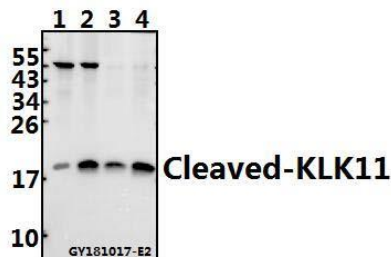
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Cleaved-KLK11 (I54) polyclonal antibody detects endogenous levels of Cleaved-KLK11 (25 kDa) protein.

### DATA:



Western blot (WB) analysis of Cleaved-KLK11 (I54) pAb at 1:500 dilution

Lane1:C6 whole cell lysate(40ug)

Lane2:BV2 whole cell lysate(40ug)

Lane3:U-87MG whole cell lysate(40ug)

Lane4:A2780 whole cell lysate(40ug)

### Note:

For research use only, not for use in diagnostic procedure.