

## ILKAP (K71) polyclonal antibody

Catalog: BS2359

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

ILKAP (integrin-linked kinase-associated serine/threonine phosphatase 2C), also known as PP2C $\delta$ , is a 392 amino acid cytoplasmic protein phosphatase that selectively interacts with integrin linked kinase (ILK) to regulate growth factor signaling and cell adhesion. While widely expressed, ILKAP is found at highest levels in striated muscle with lower levels found in smooth muscle. ILKAP belongs to the PP2C family and contains one PP2C-like domain. ILKAP has been suggested to inhibit oncogenic transformation and the ILK-GSK3 $\beta$  signaling axis, and can bind two magnesium or manganese ions per subunit as cofactors. The gene encoding ILKAP maps to human chromosome 2, which consists of 237 million bases encoding over 1,400 genes and making up approximately 8% of the human genome.

### Product:

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

### Molecular Weight:

~ 45 kDa

### Swiss-Prot:

Q9H0C8

### 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

IHC: 1:50~1:200

IF: 1:50~1:200

### Storage&Stability:

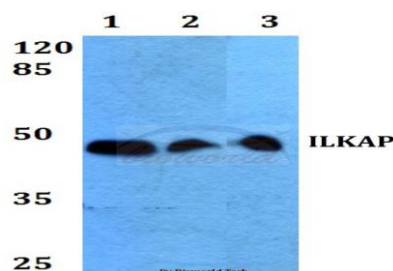
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

### Specificity:

ILKAP (K71)pAb detects endogenous levels of ILKAP protein.

### DATA:

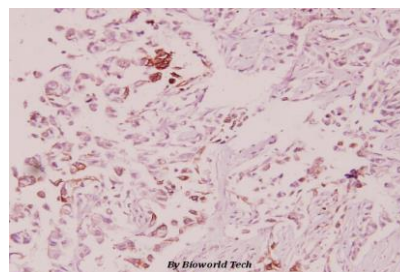


Western blot (WB) analysis of ILKAP (K71) polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:sp2/0 whole cell lysate

Lane3:H9C2 whole cell lysate



Immunohistochemistry (IHC) analyzes of ILKAP (K71) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

### Note:

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

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151