

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 δ , 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 β 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:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

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:

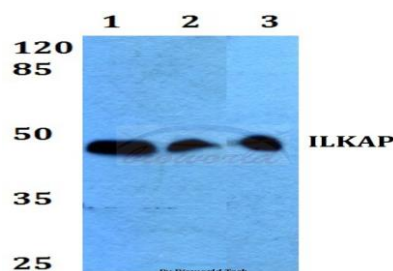
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

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

DATA:

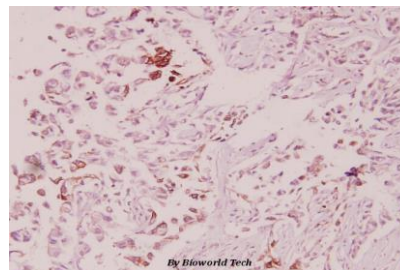


Western blot (WB) analysis of ILKAP (K71) polyclonal antibody at 1:500 dilution

Lane1: HEK293T whole cell lysate

Lane2: sp2/0 whole cell lysate

Lane3: H9C2 whole cell lysate



Immunohistochemistry (IHC) analysis 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.

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