Bioworld Technology CO., Ltd.

ILKAP (K71) Peptide

Cat No.: BS2359P

Background

ILKAP (integrin-linked kinase-associated serine/threonine phosphatase 2C),also known as PP2Cδ, 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-GSK3βsignaling 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.

Swiss-Prot

Q9H0C8

Applications

Blocking

Specificity

This peptide can be used with studies using BS2359 ILKAP (K71) pAb.

Purification & Purity

Synthetic peptide ILKAP (K71). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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

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