

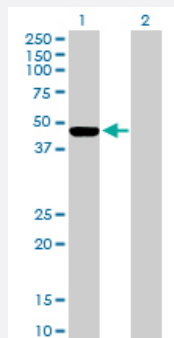
MaxPab®

ILKAP purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00080895-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ILKAP expression in transfected 293T cell line ([H00080895-T01](#)) by ILKAP MaxPab polyclonal antibody.

Lane 1: ILKAP transfected lysate(43.12 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ILKAP protein.
Immunogen	ILKAP (NP_110395.1, 1 a.a. ~ 392 a.a) full-length human protein.
Sequence	MDLFGDLPEPERSPRPAAGKEAQKGPLLFDLPPASSTDGSGGGPLLFDLPPASSGDSGSLA TSISQMVKTEGKGAKRKTSEEEKNGSEELVEKKVCKASSVIFGLKGYVAERKGEREEMQDAHVIL NDITEECRPPSSLITRVSYFAVFDGHGGIRASKFAAQNHLHQNLRKFPKGDVISVEKTVKRCLLDTF KHTDEEFLKQASSQKPAWKDGSTATCVLAVDNILYANLGDSRAILCRYNEESQKHAALSLSKEHN PTQYEERMRIQKAGGNVRDGRVLGVLEVSRISGDGQYKRCGVTSVPDIRRCQLTPNDRFILLACD GLFKVFTPEEAVNFILSCLEDEKIQTREGKSAADARYEAACNRLANKAVQRGSADNVTVMVVRIG H
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (95)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

Gene Info — ILKAP

Entrez GeneID [80895](#)

GeneBank Accession# [NM_030768](#)

Protein Accession# [NP_110395.1](#)

Gene Name ILKAP

Gene Alias DKFZp434J2031, FLJ10181, MGC4846, PP2C-DELTA

Gene Description integrin-linked kinase-associated serine/threonine phosphatase 2C

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a protein serine/threonine phosphatase of the PP2C family. This protein can interact with integrin-linked kinase (ILK/ILK1), a regulator of integrin mediated signaling, and regulate the kinase activity of ILK. Through the interaction with ILK, this protein may selectively affect the signaling process of ILK-mediated glycogen synthase kinase 3 beta (GSK3beta), and thus participate in Wnt signaling pathway. [provided by RefSeq]

Other Designations integrin-linked kinase-associated protein phosphatase 2C|protein phosphatase 2c, delta isozyme

Publication Reference

- [Characterization of Nuclear Localization Signal in the N Terminus of ILKAP and its Essential Role in the Down-Regulation of RSK2 Signaling.](#)

Zhou W, Cao H, Yang X, Cong K, Wang W, Chen T, Yin H, Wu Z, Cai X, Liu T, Xiao J.

The Journal of Biological Chemistry 2013 Jan; 288(9):6259.

Application: WB, IF, Human, MCF7, A549, HG2, HEK 293