

ILKAP Antibody

Catalog No: #34057

Package Size: #34057-1 50ul #34057-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

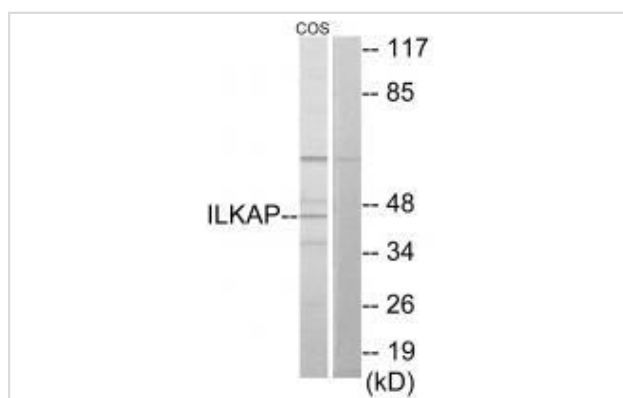
Product Name	ILKAP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total ILKAP protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ILKAP.
Target Name	ILKAP
Other Names	EC 3.1.3.16; ILKAP; Integrin-linked kinase-associated serine/threonine phosphatase 2C;
Accession No.	Swiss-Prot: Q9H0C8NCBI Gene ID: 80895
Uniprot	Q9H0C8
GeneID	80895;
SDS-PAGE MW	45kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

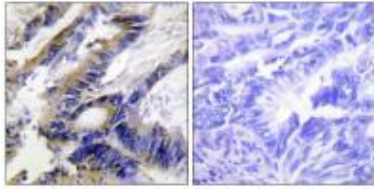
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from COS-7 cells, using ILKAP antibody #34057.

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using ILKAP antibody #34057.



Background

Protein phosphatase that may play a role in regulation of cell cycle progression via dephosphorylation of its substrates whose appropriate phosphorylation states might be crucial for cell proliferation. Selectively associates with integrin linked kinase (ILK), to modulate cell adhesion and growth factor signaling. Inhibits the ILK-GSK3B signaling axis and may play an important role in inhibiting oncogenic transformation.

Leung-Hagesteijn C., EMBO J. 20:2160-2170(2001).

Wiemann S., Genome Res. 11:422-435(2001).

Hillier L.W., Nature 434:724-731(2005).

Note: This product is for in vitro research use only