Product datasheet

Anti-ILKAP antibody ab229056

Overview

Product name: Anti-ILKAP antibody
Description: Rabbit polyclonal to ILKAP
Host species: Rabbit
Tested applications: Suitable for: WB, ICC/IF
Species reactivity: Reacts with: Human

Immunogen: Recombinant fragment within Human ILKAP (internal sequence). The exact sequence is proprietary.
Database link: Q9H0C8


Properties

Form: Liquid
Storage buffer: pH: 7.00
Preservative: 0.01% Thimerosal (merthiolate)
 Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol

Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab229056 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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Function
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.

Tissue specificity
Widely expressed. Highest levels expressed in striated muscle. Much lower levels evident in various smooth muscle tissues.

Sequence similarities
Belongs to the PP2C family.
Contains 1 PP2C-like domain.

Cellular localization
Cytoplasm.

Images
Anti-ILKAP antibody (ab229056) at 1/1000 dilution + MCF7 (human breast adenocarcinoma cell line) whole cell lysate at 30 µg
Developed using the ECL technique.
Predicted band size: 43 kDa
10% SDS-PAGE
Methanol-fixed MCF7 (human breast adenocarcinoma cell line) cells stained for ILKAP (green) using ab229056 at 1/200 dilution in ICC/IF.

Nuclear counterstain: Hoechst 33342 (blue).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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