

Actin-к Polyclonal Antibody

Catalog No: YT0105

Reactivity: Human; Mouse

Applications: WB;ELISA

Target: Actin-к

Gene Name: ACTBL2

Protein Name: Beta-actin-like protein 2

Q562R1

Q8BFZ3

Human Gene Id: 345651

Human Swiss Prot

No:

Mouse Gene ld: 238880

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

ACTBL2. AA range:81-130

Specificity: Actin-κ Polyclonal Antibody detects endogenous levels of Actin-κ protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

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Observed Band: 40kD

Cell Pathway : Adherens_Junction

Background:

function:Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.,miscellaneous:In vertebrates 3 main groups of actin isoforms, alpha, beta and gamma have been identified. The alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. The beta and gamma actins coexist in most cell types as components of the cytoskeleton and as mediators of internal cell motility.,similarity:Belongs to the actin family.,subunit:Polymerization of globular actin (G-actin) leads to a structural filament (F-actin) in the form of a two-stranded helix. Each actin can bind to 4 others (By similarity). Interacts with PFN1 and PFDN1.,

Function:

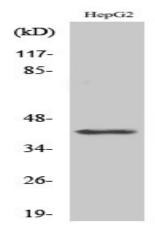
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Subcellular Location:

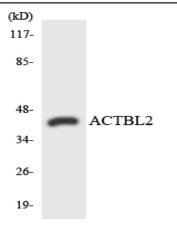
Cytoplasm, cytoskeleton.

Expression: Endometrial tumor, Hepatoma,

Products Images



Western Blot analysis of various cells using Actin-к Polyclonal Antibody



Western blot analysis of the lysates from HUVECcells using ACTBL2 antibody.