

AP45828PU-N

Polyclonal Antibody to ACTR3B - Aff - Purified

Alternate names:

ARP11, ARP3 beta, ARP4, Actin-like protein 3B, Actin-related protein 3B

Quantity:

50 µg

Background:

ACTR3B plays a role in the organization of the actin cytoskeleton. ACTR3B may function as ATP-binding component of the Arp2/3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks. ACTR3B may decrease the metastatic potential of tumors.

Uniprot ID:

[Q9P1U1](#)

NCBI:

[NP_065178](#)

GenelD:

[57180](#)

Host:

Rabbit

Immunogen:

Synthetic peptide directed towards the N terminal of human ACTR3B

AA Sequence:

MAGSLPPCVVDCGTGLGYAGNTEPQFIIPSCIAIRESAKVVDQAQRR

Format:

State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Purification: Purified using peptide immunoaffinity column

Applications:

Western blotting (0.2 - 1.0 µg/ml)

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Species Reactivity:

Tested: Human

Expected from sequence similarity: Chicken, Rat, Guinea Pig, Dog, Horse

Storage:

Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

"Expression of the Arp11 gene suppresses the tumorigenicity of PC-14 human lung adenocarcinoma cells." Shindo-Okada N., Iigo M. Biochem. Biophys. Res. Commun. 312:889-896(2003)

Pictures:

WB Suggested Anti-ACTR3B Antibody
Titration: 0.2-1 ug/ml; ELISA Titer:
1:1562500; Positive Control: 721_B cell
lysate

