

Polyclonal Antibody to Actin beta / ACTB (N-term) - Purified

Alternate names:	Actin cytoplasmic 1, Beta-Actin
Catalog No.:	AP15333PU-N
Quantity:	1 ml
Concentration:	0.47 mg/ml
Background:	The two major cytoskeletal proteins implicated in cell motility are actin and myosin. There are three alpha-actin (skeletal, cardiac, and smooth muscle), one beta-actin (beta nonmuscle), and two gamma-actins (gamma-smooth muscle and gamma-nonmuscle). Antibody to beta-actin provides a specific and useful tool in studying the intracellular distribution of beta-actin and the static and dynamic aspects of the cytoskeleton.
Uniprot ID:	P60709
NCBI:	9606
GeneID:	60
Host:	Rabbit
Immunogen:	N-terminal Human beta Actin.
Format:	State: Liquid purified Ig fraction Purification: Immunoaffinity Chromatography Buffer System: 10mM PBS, pH 7.4 containing 1% BSA as stabilizer and 0.09% Sodium Azide as preservative
Applications:	Immunohistochemistry on Paraffin Sections: 1/100. <i>Antigen Retrieval:</i> Boil tissue section in 10mM Citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. <i>Incubation Time:</i> 30 minutes at RT. <i>Positive Control:</i> Heart, Skin and leiomyoma. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to Beta-Actin. Cellular Localization: Cytoplasm.
Species Reactivity:	Tested: Human. Expected from sequence similarity: Mouse, Rat, Bovine, Sheep, Porcine, Rabbit, Feline, Canine, Guinea Pig and Chicken.
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.

Pictures:

Leiomyoma stained with Anti-beta Actin

