

Nur für Forschungszwecke

beta actin Polyklonaler Antikörper

Katalog-Nr.:10230-1-AP

8 Publikationen



Allgemeine Informationen

Katalog-Nr.: 10230-1-AP	GenBank-Zugangsnummer: BC002409	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 333 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 60	
Wirt: Kaninchen	Vollständiger Name: actin, beta	
Isotyp: IgG	Berechnete Masse: 375 aa, 42 kDa	
Immunogen Katalognummer: AG0297		

Anwendungen

Geprüfte Anwendungen:
ELISA

In Publikationen genannte Anwendungen:
WB

Getestete Reaktivität:
Human, Maus, Ratte, Zebrafisch

Zitierte Arten:
Human, Rind

Hintergrundinformationen

Beta Actin, also named as ACTB and F-Actin, belongs to the actin family. Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells. Beta Actin has been widely used as the internal control in bioscience. At least six isoforms are known in mammals. ALPHA-actin was predominant in single cells and BETA-actin was major in the cultured cells. Nonmuscle BETA- and GAMMA-actin, also known as cytoplasmic actin, are predominantly expressed in nonmuscle cells. ALPHA-cardiac and α -skeletal actin are expressed in striated cardiac and skeletal muscles, respectively; two smooth muscle actins, ALPHA- and GAMMA-actin, are found primarily in vascular smooth muscle and enteric smooth muscle, respectively. Most actins consist of 376aa, while ACTG2 (rich in muscles) has 375aa and ACTG1(found in non-muscle cells) has only 374aa. This antibody can detect endogenous level of β -Actin and may cross-react with other isoforms of actin family.

Note: Do not add Azium (Sodium Azide or Smite) into the dilution buffer. Azium is the HRP inhibitor which decreases the enzyme activity of HRP.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Wu Jing	30335897	J Cell Biochem	WB
Cai Lv	33059651	BMC Urol	WB
Yongmei Guo	29022236	Biol Trace Elem Res	WB

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

