

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-beta actin



Numéro de catalogue: 10230-1-AP

8 Publications

## Informations de base

Numéro de catalogue:

10230-1-AP

Taille:

150ul , Concentration: 333 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG0297

Numéro d'acquisition GenBank:

BC002409

Identification du gène (NCBI):

60

Nom complet:

actin, beta

MW calculé

375 aa, 42 kDa

Méthode de purification:

Purification par affinité contre l'antigène

## Applications

Applications testées:

ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, poisson-zèbre, rat, souris

Espèces citées:

bovin, Humain

## Informations générales

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  $\alpha$ -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  $\beta$ -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.

## Publications notables

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

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:

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