

À des fins de recherche uniquement

# Anticorps Recombinant de lapin anti-Beta Actin



Numéro de catalogue: **CL750-81115**

## Informations de base

Numéro de catalogue: CL750-81115	Numéro d'acquisition GenBank: BC002409	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by 60 Nanodrop;	Identification du gène (NCBI): 60	CloneNo.: 4H1
Hôte: Lapin	Nom complet: actin, beta	Dilutions recommandées: WB 1:1000-1:8000
Isotype: IgG	MW calculé 375 aa, 42 kDa	Excitation/Emission maxima wavelengths: 755 nm / 780 nm
Immunogen Catalog Number: AG14521	MW observés: 42 kDa	

## Applications

**Applications testées:**  
WB  
**Spécificité de l'espèce:**  
Humain, porc, rat, souris

**Contrôles positifs:**  
WB : cellules HeLa, tissu cérébral de rat, tissu cérébral de souris

## Informations générales

Beta Actin, also named as ACTB and F-Actin, belongs to the actin family. Actins are highly conserved globular proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells. At least six isoforms of actins are known in mammals and other vertebrates: alpha (ACTC1, cardiac muscle 1), alpha 1 (ACTA1, skeletal muscle) and 2 (ACTA2, aortic smooth muscle), beta (ACTB), gamma 1 (ACTG1) and 2 (ACTG2, enteric smooth muscle). Beta and gamma 1 are two non-muscle actin proteins. Most actins consist of 376aa, while ACTG2 (rich in muscles) has 375aa and ACTG1(found in non-muscle cells) has only 374aa. Beta actin has been widely used as the internal control in RT-PCR and Western Blotting as a 42-kDa protein. However, the 37-40, 31, 15 kDa cleaved fragment of beta actin can be generated during apoptosis process. This antibody was generated against N-terminal region of human beta actin protein and can cross-react with other actins. (9173887, 11217076, 10229193 )

## Stockage

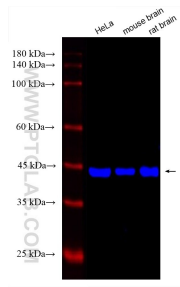
**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

For technical support and original validation data for this product please contact:  
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## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with CL750-81115 (Beta Actin antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.