#### **Anti-Beta Actin/ACTB Antibody (HRP)**

Catalog Number: A01263-HRP



BOSTER BIOLOGICAL TECHNOLOGY

Special NO.1, International Enterprise Center, 2nd Guanshan Road, Wuhan, China

Web: www.boster.com.cn Phone: +86 027-67845390 Fax: +86 027-67845390 Email: boster@boster.com.cn

Basic Information	
Product Name	Anti-Beta Actin/ACTB Antibody (HRP)
Gene Name	ACTB
Source	Rabbit
Isotype	IgG
Species Reactivity	human, mouse, rat, rabbit, chicken, drosophila
Tested Application	ELISA, WB
Contents	HRP-Beta-Actin antibody is supplied in PBS containing 1% BSA and 0.02% thimerosol.
Immunogen	HRP-Beta-Actin antibody was raised against a synthetic peptide containing 16 amino acids near the amino terminus of beta-actin.
concentration	1 mg/mL
Purification	HRP-Beta-Actin antibody is affinity chromatography purified via peptide column.
Dilution Ratios	HRP-Beta-Actin antibody can be used for detection of Beta-Actin by Western blot at 0.5 - 1 $$ $\mu$ ;/ml. Antibody validated: Western Blot in human, mouse, and rat samples. All other applications and species not yet tested.

## **Storage**

HRP-Beta-Actin antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

# **Background Information**

Actins are highly conserved proteins that are involved in cell motility, structure and integrity, processes that are crucial for tissue development and the development of organism. The actin cytoskeleton is one of the principal drivers of cell motility and is capable of responding to complex signaling cascades. Recent evidence suggests that it may play key roles in regulating apoptosis and aging. Beta actin is one of six different actin isoforms which have been identified. Like GAPDH, beta-Actin is constitutively expressed at high levels in almost all tissues and cell lines making it ideal for use as a loading control marker in immunoblots.

# **Selected Validation Data**

#### **Product datasheet**

## Anti-Beta Actin/ACTB Antibody (HRP)

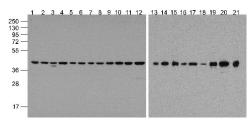
Catalog Number: A01263-HRP



**BOSTER BIOLOGICAL TECHNOLOGY** 

Special NO.1, International Enterprise Center, 2nd Guanshan Road, Wuhan, China

Web: www.boster.com.cn Phone: +86 027-67845390 Fax: +86 027-67845390 Email: boster@boster.com.cn



Western blot analysis of beta-Actin (HRP) in 293