

## Beta-actin Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP09788
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Recombinant Protein of Actin cytoplasmic 1
<b>Mol wt</b>	41737
<b>Species reactivity</b>	Human, Mouse, Rat, Rabbit, Chicken, Monkey, sheep
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	beta-actin Antibody
<b>Synonyms</b>	ACTB; Actin, cytoplasmic 1; Beta-actin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

ACTB encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins.

### Recommended Dilution

WB: 1: 3000

IHC: 1: 200

Not yet tested in other applications.

### Images

Western blot analysis of HepG2 (1), Rat liver (2), Mouse kidney (3), Rabbit testis (4), Sheep lung (5), 293T (6), diluted at 1:5000.  
Secondary antibody was diluted at 1:20000

IHC staining of Human ovary tissue, diluted at 1:200.

### Storage

-20°C for one year