

## Rabbit ACTB Polyclonal Antibody | anti-ACTB antibody

ACTB Antibody - middle region

|                              |                       |                                                                                 |                                                           |
|------------------------------|-----------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA23467</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Cow, Goat, Horse, Human, Mouse, Pig, Rat, Sheep, Zebrafish</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|------------------------------|-----------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------|

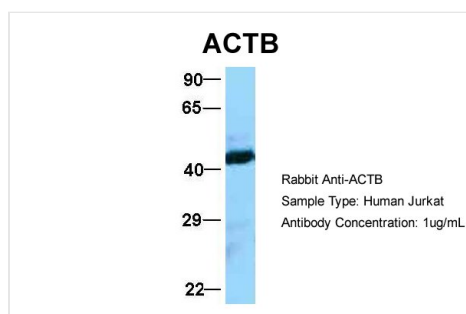
### PRODUCT SYNONYMS

ACTB; Polyclonal Antibody; ACTB Antibody - middle region; anti-ACTB antibody

### PRODUCT SPECIFICATIONS

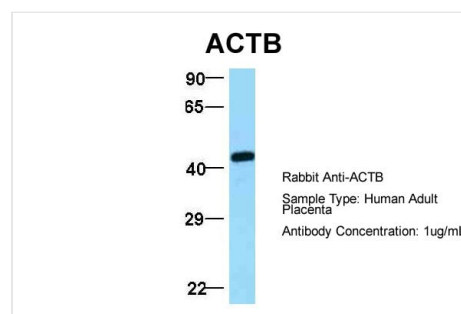
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Goat, Horse, Human, Mouse, Pig, Rat, Sheep, Zebrafish                                                                                            |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and may contain up to 2% sucrose.                                   |
| Sequence                                       | Synthetic peptide with the following sequence: TM KIKIAPPK KYSVWIGSI LASLSTFQQM WISKQEYDES GPSIVHRK                                                   |
| Sequence Length                                | 375                                                                                                                                                   |
| Applicable Applications for anti-ACTB antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Homology                                       | Cow: 100%; Goat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 100%                                      |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the middle region of Human ACTB                                                                 |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



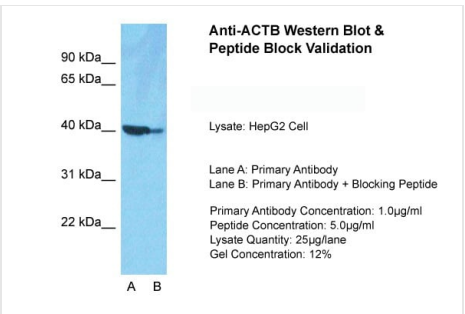
#### WB (Western Blot)

Host: RabbitTarget Name: ACTBSample Type: JurkatAntibody Dilution: 1.0ug/mlACTB is strongly supported by BioGPS gene expression data to be expressed in Jurkat



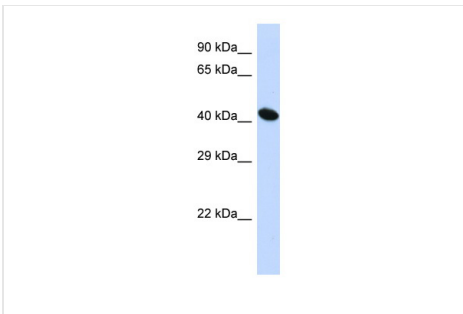
#### WB (Western Blot)

Host: RabbitTarget Name: ACTBSample Type: Human Adult PlacentaAntibody Dilution: 1.0ug/ml



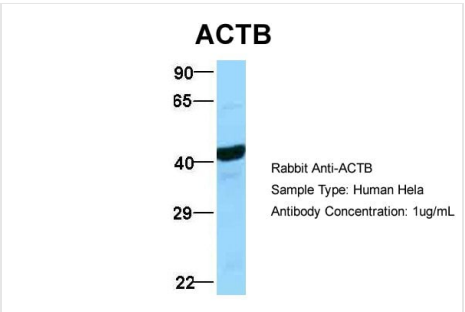
**WB (Western Blot)**

Host: RabbitTarget Name: ACTBSample Type: HepG2Lane A: Primary AntibodyLane B: Primary Antibody + Blocking PeptidePrimary Antibody Concentration: 1ug/mlPeptide Concentration: 5.0 ug/mlLysate Quantity: 25ug/lane/laneGel Concentration: 12%



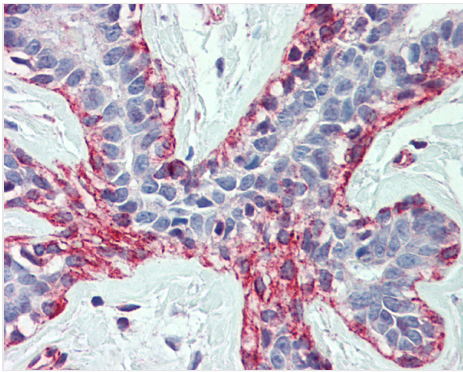
**WB (Western Blot)**

Host: RabbitTarget Name: ACTBSample Type: HepG2 Whole Cell lysatesAntibody Dilution: 1.0ug/mlACTB is strongly supported by BioGPS gene expression data to be expressed in HepG2



**WB (Western Blot)**

Host: RabbitTarget Name: ACTBSample Type: HelaAntibody Dilution: 1.0ug/mlACTB is strongly supported by BioGPS gene expression data to be expressed in Human HeLa cells



**IHC (Immunohistochemistry)**

IHC Information: Paraffin embedded breast tissue, tested with an antibody dilution of 5 ug/ml.

**ADDITIONAL INFORMATION**

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ACTB antibody | <p>This is a rabbit polyclonal antibody against ACTB. It was validated on Western Blot</p> <p>Target Description: This protein is 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.</p> |
| Product Categories/Family for anti-ACTB antibody   | <p>Polyclonal; Cell Biology; Various; Tissue Specific &amp; Cell Marker</p>                                                                                                                                                                                                                                                                                                                    |

**NCBI AND UNIPROT INFORMATION**

|                                  |                      |
|----------------------------------|----------------------|
| NCBI GI #                        | 4501885              |
| NCBI GeneID                      | 60                   |
| NCBI Accession #                 | NP_001092            |
| NCBI GenBank Nucleotide #        | NM_001101            |
| UniProt Accession #              | P60709               |
| Molecular Weight                 | 42kDa                |
| NCBI Official Full Name          | actin, cytoplasmic 1 |
| NCBI Official Synonym Full Names | actin beta           |
| NCBI Official Symbol             | ACTB                 |
| NCBI Official Synonym Symbols    | BRWS1; PS1TP5BP1     |
| NCBI Protein Information         | actin, cytoplasmic 1 |

|                      |                      |
|----------------------|----------------------|
| UniProt Protein Name | Actin, cytoplasmic 1 |
| UniProt Gene Name    | ACTB                 |
| UniProt Entry Name   | ACTB_HUMAN           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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