

Rabbit ACTR1B Polyclonal Antibody | anti-ACTR1B antibody

ACTR1B antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23545	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

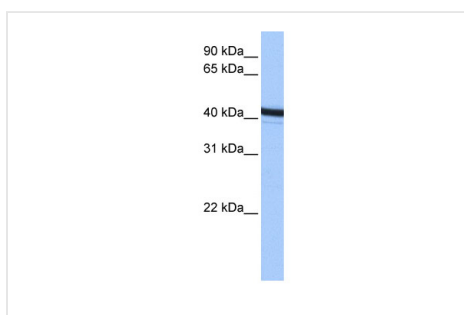
PRODUCT SYNONYMS

ACTR1B; Polyclonal Antibody; ACTR1B antibody - C-terminal region; anti-ACTR1B antibody

PRODUCT SPECIFICATIONS

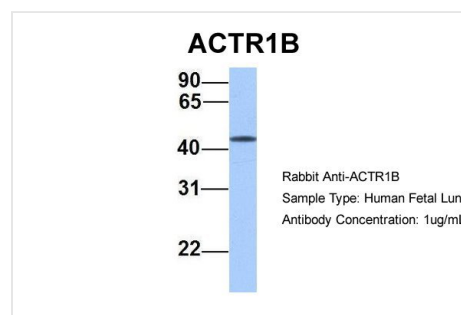
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KI KISAPQERLY STWIGGSILA SLDTFKKMWV SKKEYEEDGS RAIHRKTF
Sequence Length	376
Applicable Applications for anti-ACTR1B antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ACTR1B
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



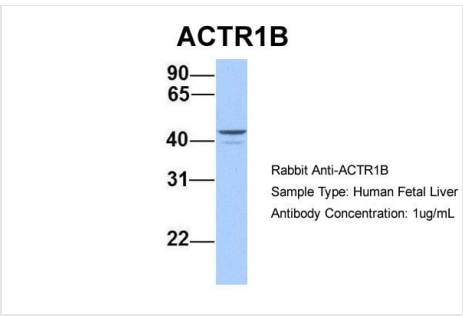
WB (Western Blot)

WB Suggested Anti-ACTR1B Antibody Titration: 0.2-1 ug/ml
Positive Control: HepG2 cell lysate
ACTR1B is supported by BioGPS gene expression data to be expressed in HepG2



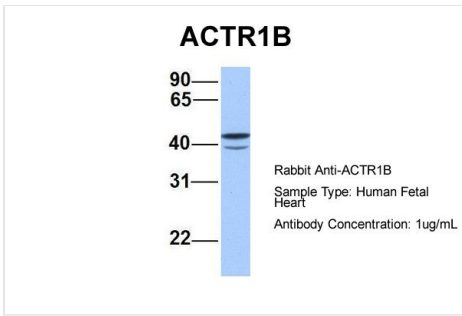
WB (Western Blot)

Host: Rabbit
Target Name: ACTR1B
Sample Type: Human Fetal Lung
Antibody Dilution: 1.0ug/ml



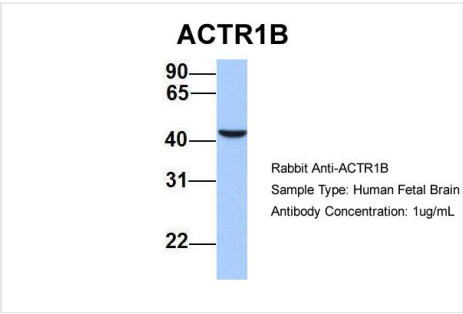
WB (Western Blot)

Host: RabbitTarget Name: ACTR1BSample Type: Human Fetal LiverAntibody Dilution: 1.0ug/ml



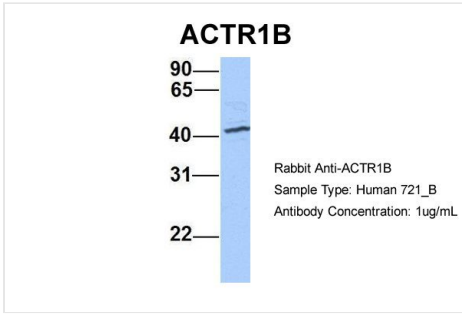
WB (Western Blot)

Host: RabbitTarget Name: ACTR1BSample Type: Human Fetal HeartAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: ACTR1BSample Type: Human Fetal BrainAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: ACTR1BSample Type: Human 721_BAntibody Dilution: 1.0ug/mlACTR1B is supported by BioGPS gene expression data to be expressed in 721_B

ADDITIONAL INFORMATION

Related Product Information for anti-ACTR1B antibody	This is a rabbit polyclonal antibody against ACTR1B. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ACTR1B is a 42.3 kD subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein and is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. ACTR1B, like ACTR1A, is an actin-related protein. These two proteins, which are of equal length and share 90% amino acid identity, are present in a constant ratio of approximately 1:15 in the dynactin complex. This gene encodes a 42.3 kD subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. It is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit, like ACTR1A, is an actin-related protein. These two proteins are of equal length and share 90% amino acid identity. They are present in a constant ratio of approximately 1:15 in the dynactin complex.
Product Categories/Family for anti-ACTR1B antibody	Polyclonal; Chromatin & Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	11342680
NCBI GeneID	10120
NCBI Accession #	NP_005726
NCBI GenBank Nucleotide #	NM_005735
UniProt Accession #	P42025
Molecular Weight	42kDa

NCBI Official Full Name	beta-centractin
NCBI Official Synonym Full Names	actin related protein 1B
NCBI Official Symbol	ACTR1B
NCBI Official Synonym Symbols	PC3; ARP1B; CTRN2
NCBI Protein Information	beta-centractin
UniProt Protein Name	Beta-centractin
UniProt Gene Name	ACTR1B
UniProt Synonym Gene Names	CTRN2; ARP1B
UniProt Entry Name	ACTY_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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Online datasheet: <https://www.aaabiotech.com/polyclonal/actr1b-antibody-western-blot-elisa/23545>