

Rabbit anti-Human, Mouse Cytoskeletal Actin Polyclonal Antibody | anti-ACTG1 antibody

Rabbit anti-Cytoskeletal Actin Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210978	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

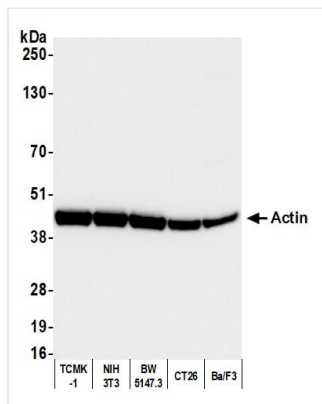
PRODUCT SYNONYMS

Cytoskeletal Actin; Polyclonal Antibody; Rabbit anti-Cytoskeletal Actin Antibody; Affinity Purified; ACT; DFNA26; Gamma-actin; HEL-176; epididymis luminal protein 176; cytoskeletal gamma-actin; ACTG; DFNA20; actin; cytoplasmic 2; Actin; actin gamma 1; anti-ACTG1 antibody

PRODUCT SPECIFICATIONS

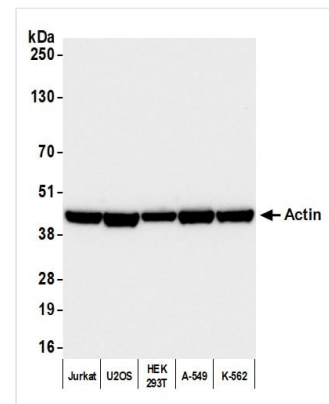
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ACTG1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	X. laevis
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



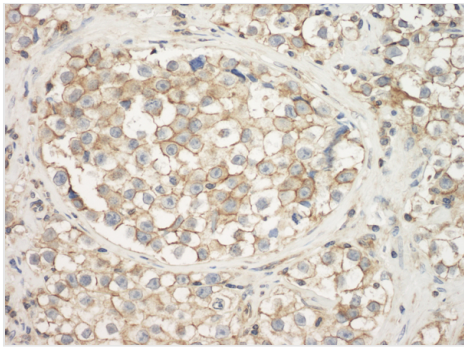
WB (Western Blot)

Detection of mouse Actin by western blot. Samples: Whole cell lysate (25 ug) from TCMK-1, NIH 3T3, BW5147.3, CT26, and Ba/F3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Actin antibody (AAA210978 lot 4) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



WB (Western Blot)

Detection of human Actin by western blot. Samples: Whole cell lysate (25 ug) from Jurkat, U2OS, HEK293T, A-549, and K-562 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Actin antibody (AAA210978 lot 4) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



IHC (Immunohistochemistry)

Detection of human Actin by immunohistochemistry. Sample: FFPE section of human testicular seminoma. Antibody: Affinity purified rabbit anti-Actin (AAA210978) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-ACTG1 antibody	Cytoskeletal beta-actin is one of six highly conserved actin isoforms that is expressed ubiquitously in eukaryotic cells. Cytoskeletal beta-actin functions to maintain cell structure and plays a role in motility.
Product Categories/Family for anti-ACTG1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501887
NCBI GeneID	71
NCBI Accession #	NP_001605.1
NCBI GenBank Nucleotide #	NM_001614.3
UniProt Accession #	P63261 ; P02571 ; P14104 ; P99022 ; Q5U032 ; Q96E67 ; A8K7C2
Molecular Weight	41,793 Da
NCBI Official Full Name	actin, cytoplasmic 2
NCBI Official Synonym Full Names	actin, gamma 1
NCBI Official Symbol	ACTG1
NCBI Official Synonym Symbols	ACT; ACTG; BRWS2; DFNA20; DFNA26; HEL-176
NCBI Protein Information	actin, cytoplasmic 2; cytoskeletal gamma-actin; epididymis luminal protein 176
UniProt Protein Name	Actin, cytoplasmic 2
UniProt Gene Name	ACTG1
UniProt Synonym Gene Names	ACTG
UniProt Entry Name	ACTG_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://stage.aaabiotech.com/polyclonal/cytoskeletal-actin-antibody-immunohistochemistry-western-blot-elisa/210978>