

Rabbit anti-Human Gamma-Actin Polyclonal Antibody | anti-ACTG1 antibody

Anti-Gamma-Actin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265854	Rabbit	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot

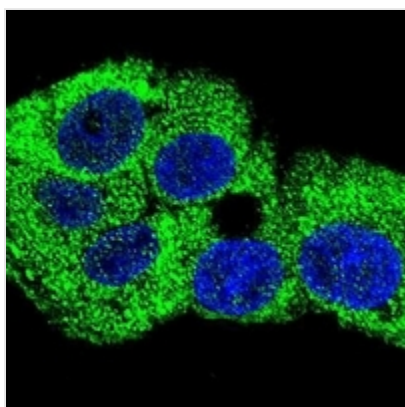
PRODUCT SYNONYMS

Gamma-Actin; Polyclonal Antibody; Anti-Gamma-Actin Antibody; anti-ACTG1 antibody

PRODUCT SPECIFICATIONS

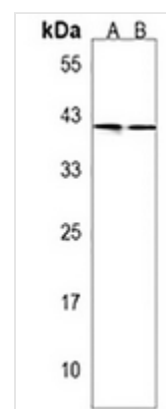
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Gamma-Actin protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-ACTG1 antibody	FCM/FACS (Flow Cytometry), IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the Central region of human Gamma-Actin. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Anti-Gamma-Actin staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of Gamma-Actin expression in K562 (A), HepG2 (B) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 42 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-ACTG1 antibody	Rabbit polyclonal antibody to Gamma-Actin
Product Categories/Family for anti-ACTG1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	54036678
NCBI GeneID	71
UniProt Accession #	P63261; P02571; P14104; P99022; Q5U032; Q96E67; A8K7C2
Molecular Weight	375
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/gamma-actin-antibody-flow-cytometry-immunochemistry-immunofluorescence-western-blot-elisa/265854>