

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

Rabbit Polyclonal to Human ACTG1 / Gamma Actin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52384	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

ACTG1 / Gamma Actin; Polyclonal Antibody; Rabbit Polyclonal to Human ACTG1 / Gamma Actin; Anti-ACTG1 / Gamma Actin Antibody (aa188-215) IHC-plus; ACTG; Actin; gamma 1; BRWS2; Cytoskeletal gamma-actin; DFNA20; cytoplasmic 2; Gamma-actin; DFNA26; Human ACTG1; Gamma Actin; anti-ACTG1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Ammonium sulfate precipitation
Form/Format	PBS, 0.09% sodium azide
Sequence Length	375
Applicable Applications for anti-ACTG1 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	KLH conjugated synthetic peptide selected from the Center region of human ACTG1.
Immunogen Type	Synthetic peptide
Immunogen	ACTG1 / Gamma Actin antibody was raised against KLH conjugated synthetic peptide selected from the Center region of human ACTG1.
Antigen Modification	aa188-215
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.

IMAGES



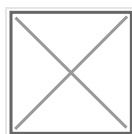
WB (Western Blot)

Western blot of ACTG1 (arrow) using rabbit polyclonal ACTG1 Antibody. 293 cell lysates (2 ug/lane) either non-transfected (Lane 1) or transiently transfected (Lane 2) with the ACTG1 gene.



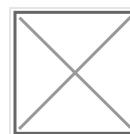
WB (Western Blot)

Western blot of ACTG1 Antibody in K562, HepG2 cell line lysates (35 ug/lane). ACTG1 (arrow) was detected using the purified Pab.



FCM/FACS (Flow Cytometry)

Flow cytometry of K562 cells using ACTG1 Antibody (Center) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IF (Immunofluorescence)

Confocal immunofluorescent analysis of ACTG1 Antibody (Center) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)

Anti-ACTG1 / Gamma Actin antibody IHC staining of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/actg1-gamma-actin-antibody-flow-cytometry-western-blot-immunofluorescence-immunohistochemistry-elisa/52384>