

Rabbit Alpha-actin-3 Polyclonal Antibody | anti-ACTG2 antibody

Anti-Alpha-actin-3 Antibody

CATALOG # AAA292238	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Rabbit, Chicken, Bovine	APPLICATIONS Immunohistochemistry, Immunofluorescence, Western Blot
-------------------------------	-----------------------	---	---

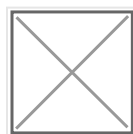
PRODUCT SYNONYMS

Alpha-actin-3; Polyclonal Antibody; Anti-Alpha-actin-3 Antibody; ACTA3; ACTL3; ACTSG; Actin; gamma-enteric smooth muscle; Gamma-2-actin; Smooth muscle gamma-actin; anti-ACTG2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Rabbit, Chicken, Bovine
Clonality	Polyclonal
Applicable Applications for anti-ACTG2 antibody	IHC (Immunohistochemistry), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



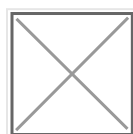
IF (Immunofluorescence)

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500)



IHC (Immunohistochemistry)

Dilution: WB: (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500) Immunohistochemical analysis of Alpha-actin-3 staining in human muscle formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500) Western blot analysis of Alpha-actin-3 expression in HeLa (A), H446 (B), mouse lung (C), rat lung (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-ACTG2 antibody	Rabbit polyclonal antibody to Alpha-actin-3 KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Alpha-actin-3. The exact sequence is proprietary.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	315570273
-----------	-----------

NCBI GeneID	72
NCBI Accession #	NP_001186822.1
NCBI GenBank Nucleotide #	NM_001199893.1
UniProt Accession #	P63267; P12718; Q504R1; Q6FI22; B2R7E7; B4E315; D6W5H8; E9PG30
Molecular Weight	41,877 Da
NCBI Official Full Name	actin, gamma-enteric smooth muscle isoform 2
NCBI Official Synonym Full Names	actin, gamma 2, smooth muscle, enteric
NCBI Official Symbol	ACTG2
NCBI Official Synonym Symbols	ACT; ACTE; ACTA3; ACTL3; ACTSG
NCBI Protein Information	actin, gamma-enteric smooth muscle; alpha-actin 3; alpha-actin-3; gamma-2-actin; actin-like protein; smooth muscle gamma actin; smooth muscle gamma-actin
UniProt Protein Name	Actin, gamma-enteric smooth muscle
UniProt Gene Name	ACTG2
UniProt Synonym Gene Names	ACTA3; ACTL3; ACTSG
UniProt Entry Name	ACTH_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.