

Rabbit anti-Human, Mouse Actin-pan Antibody | anti-ACTA antibody

Actin-pan (alpha/gamma) (Phospho-Tyr55/53) Antibody

CATALOG # AAA111563	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
-------------------------------	-----------------------	-----------------------------------	--

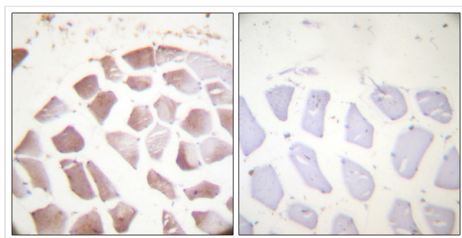
PRODUCT SYNONYMS

Actin-pan; Actin-pan (alpha/gamma) (Phospho-Tyr55/53) Antibody; ACTA1; ACTS; Actin; alpha skeletal muscle; Alpha-actin 1; ACTG; ACTG1; actin; cytoplasmic 2; gamma-actin; anti-ACTA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Isotype	IgG
Specificity	Actin-pan (??) (Phospho-Tyr53/55) antibody detects endogenous levels of Actin-pan (??) only when phosphorylated at tyrosine 53/55.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Length	375
Applicable Applications for anti-ACTA antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Actin-pan (??) around the phosphorylation site of tyrosine 53/55 (D-S-Y ^P -V-G).
All Sites	Human: Tyr55/Tyr53/Tyr53 Mouse: Tyr55/Tyr53/Tyr57
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue using Actin-pan (α/γ) (Phospho-Tyr53/55) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACTA antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	A. J. MacQueen, Mol. Biol. Cell, Jul 2005; 16: 3247-3259. Isaac Rabinovitz, J. Cell Biol., Dec 1997; 139: 1873. Deanne H. Hryciw, Am J Physiol Renal Physiol, Jun 2005; 288: F1227-F1235. Derek T. Warren, J. Cell Sci., Apr 2002; 115: 1703.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501885
NCBI GeneID	60
NCBI Accession #	NP_001092.1
NCBI GenBank Nucleotide #	NM_001101.4
UniProt Accession #	P60709; P02570; P70514; P99021; Q11211; Q64316; Q75MN2; Q96B34; Q96HG5
NCBI Official Full Name	actin, cytoplasmic 1
NCBI Official Synonym Full Names	actin beta
NCBI Official Symbol	ACTB
NCBI Official Synonym Symbols	BRWS1; PS1TP5BP1
NCBI Protein Information	actin, cytoplasmic 1
UniProt Protein Name	Actin, cytoplasmic 1
UniProt Gene Name	ACTB

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/rabbit-acta-human-mouse-antibody/actin-pan/111563>