

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

Actin-pan (alpha/beta/gamma) (Ab-53/55) Antibody

CATALOG # AAA267500	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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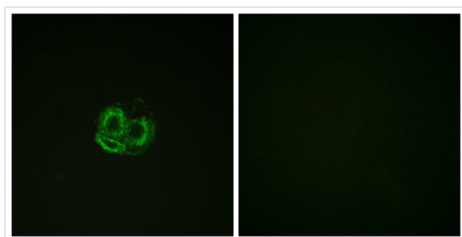
PRODUCT SYNONYMS

Actin-pan; Actin-pan (alpha/beta/gamma) (Ab-53/55) Antibody; ACTA1; ACTS; Actin; alpha skeletal muscle; Alpha-actin 1; ACTB; cytoplasmic 1; Beta-actin; ACTG; ACTG1; actin; cytoplasmic 2; gamma-actin; anti-ACTA antibody

PRODUCT SPECIFICATIONS

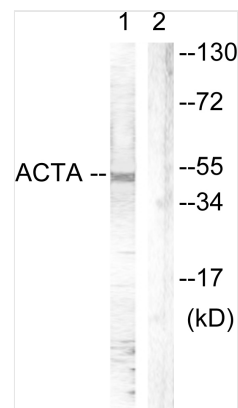
Reactivity	Human, Mouse
Specificity	Actin-pan (alpha/beta/gamma) (Ab-53/55) antibody detects endogenous levels of total Actin-pan (alpha/beta/gamma) protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	375
Applicable Applications for anti-ACTA antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human Actin-pan (alpha/beta/gamma) around the phosphorylation site of tyrosine 53/55 (D-S-YP-V-G).
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



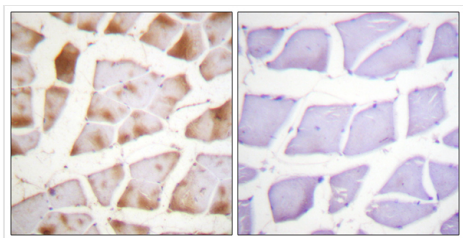
IF (Immunofluorescence)

Peptide-+ Immunofluorescence analysis of HuvEc cells, using Actin-pan (alpha/beta/gamma) (Ab-53/55) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue using Actin-pan (alpha/beta/gamma) (Ab-53/55) antibody. Western blot analysis of extracts from mouse brain cells, using Actin-pan (alpha/beta/gamma) (Ab-53/55) antibody.



Application Data
Peptide-+

ADDITIONAL INFORMATION

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.
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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
Molecular Weight	41,737 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/acta-human-mouse-antibody/actin-pan/267500>