

Goat ACTN1 Polyclonal Antibody | anti-ACTN1 antibody

Goat anti-ACTN1 (aa596-609) Antibody

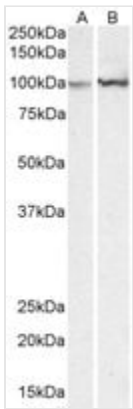
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61748	Goat	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow	Western Blot, ELISA

PRODUCT SYNONYMS

ACTN1; Polyclonal Antibody; Goat anti-ACTN1 (aa596-609) Antibody; actinin; alpha 1; F-actin cross-linking protein; actinin 1 smooth muscle; alpha-actinin cytoskeletal isoform; alpha-actinin-1; non-muscle alpha-actinin-1; ACTN1 antibody; alpha 1 antibody; F-actin cross-linking protein antibody; actinin 1 smooth muscle antibody; alpha-actinin cytoskeletal isoform antibody; alpha-actinin-1 antibody; non-muscle alpha-actinin-1 antibody; ACTN1 (aa596-609); anti-ACTN1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	TPQEINGKWD HVRQ
Sequence Length	914
Applicable Applications for anti-ACTN1 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-TPQEINGKWDHVRQ, from the internal region of the protein sequence according to NP_001123476.1; NP_001093.1; NP_001123477.1.
Epitope	Internal region
Note	This antibody is expected to recognize all reported isoforms (NP_001123476.1; NP_001093.1; NP_001123477.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



WB (Western Blot)
0.3ug/ml staining of Mouse (A) and Rat (B) Spleen lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



WB (Western Blot)
0.3ug/ml staining of Human Spleen lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194097350
NCBI GeneID	87
NCBI Accession #	NP_001123476.1; NP_001093.1; NP_001123477.1
NCBI GenBank Nucleotide #	NM_001130004.1
Molecular Weight	107,141 Da
NCBI Official Full Name	alpha-actinin-1 isoform a
NCBI Official Synonym Full Names	actinin alpha 1
NCBI Official Symbol	ACTN1
NCBI Official Synonym Symbols	BDPLT15
NCBI Protein Information	alpha-actinin-1
UniProt Protein Name	Alpha-actinin-1
UniProt Gene Name	ACTN1
UniProt Entry Name	ACTN1_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.