

GOAT ANTI-ACTN1 (AA596-609) ANTIBODY

SKU: EB12420

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 µg

Storage Aliquot and store at -20°C. Minimize freezing and thawing.
Instructions

Synonym /

non-muscle alpha-actinin-1|alpha-actinin-1|alpha-actinin cytoskeletal isoform|actinin 1 smooth muscle|F-actin cross-linking protein|actinin, alpha 1|ACTN1

Names
Accession ID

NP_001123476.1; NP_001093.1; NP_001123477.1

Blocking Peptide EBP12420

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.

Product This antibody is expected to recognize all reported isoforms (NP_001123476.1; NP_001093.1;
Comments NP_001123477.1).

Peptide Sequence C-TPQEINGKWDHVRQ

Purification Method Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions Refrigerated

Predicted Species Human, Mouse, Rat, Dog, Pig, Cow

Reactive Species Human, Mouse, Rat

Human Gene ID 87

Mouse Gene ID 109711

Rat Gene ID 81634

Product Grade https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png

ELISA

Detection Limit Antibody detection limit dilution 1:128000.

Western Blot Approx 100kDa band observed in Human, Mouse and Rat Spleen lysates (calculated MW of 103kDa according to NP_001093.1). Recommended concentration: 0.3-1µg/ml. An additional band of unknown identity was also consistently observed at 75kDa. This band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Application Type Pep-ELISA, WB

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

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