

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

**Synonym / Alias Names** 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

**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 Comments** This antibody is expected to recognize all reported isoforms (NP\_001123476.1; NP\_001093.1; 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](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

