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GOAT ANTI-ACTN1 (AA596-609) ANTIBODY

SKU: EB12420

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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
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

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DOCUMENTS

- Data Sheet

GALLERY IMAGES

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