



Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

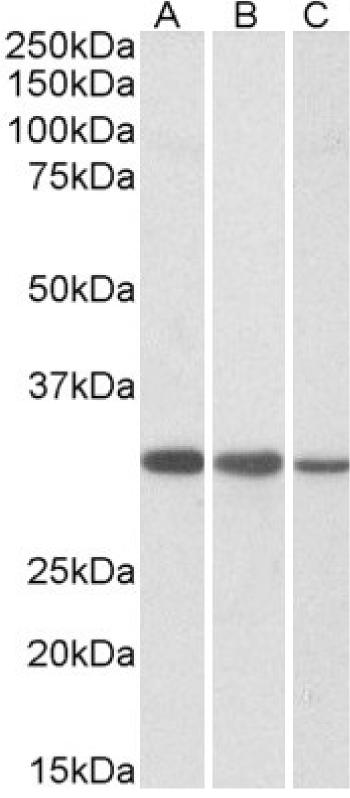
GOAT ANTI-CAPZB ANTIBODY

SKU: EB05143



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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.

100 μg **Unit Size**

Storage

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

Synonym / F-actin capping protein beta subunit|Cap Z|MGC129750|MGC129749|MGC104401|RP4-657E11.7|Cap

Alias Z|CAPPB|CAPZ|CAPB|capping protein (actin filament) muscle Z-line, beta|CAPZB

Names

Accession NP 004921.1

ID

Blocking

EBP05143 **Peptide**

Immunogen

Peptide with sequence NDLVEALKRKQQC, from the C Terminus of the protein sequence according to

NP 004921.1.

Product

This antibody is expected to be specific for the beta2 isoform of capping protein, found in non-muscle cells and

Comments

should not recognise the beta1 form.

Peptide

NDLVEALKRKQQC Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping

Instructions

Refrigerated

Predicted Species

Human, Mouse, Rat, Dog, Pig, Cow

Reactive

Human, Mouse, Rat, Pig **Species**

Human

832 Gene ID

Mouse

12345 Gene ID

Product

Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite medium.png

ELISA

Detection

Antibody detection limit dilution 1:32000.

Limit

Blot

Western

Approx 30kDa band observed in lysates of cell lines Jurkat, HeLa and NIH-3T3 and approx 28kDa band observed in Mouse, Rat and Pig Heart lysates (calculated MW of 30.6kDa according to Human NP 004921.1 and 31.3kDa according to Mouse NP 001032850.1, and 30.6kDa according to Rat NP 001005903.1 and Pig NP_001106915.1]. Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. This product has been successfully used in WB on Rat: Wang CY et al, J Biomed Sci. 2011 Feb 7;18:13. PMID: 21299884.

Application

Pep-ELISA, WB **Type**

SELECTED REFERENCES

[{"pmid": 21299884, "intro": "This antibody has been successfully used in Western blot





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on Rat:", "title": "Reduction in antioxidant enzyme expression and sustained inflammation enhance tissue damage in the subacute phase of spinal cord contusive injury.", "author": "Wang CY, Chen JK, Wu YT, Tsai MJ, Shyue SK, Yang CS, Tzeng SF.", "journal": "J Biomed Sci. 2011 Feb 7;18:13."}]

GALLERY IMAGES

