





GOAT ANTI-PTEN ANTIBODY

SKU: EB06544

250kDa 150kDa 100kDa 50kDa 37kDa

25kDa 20kDa





Telephone: (650) 697-3600

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.

Synonym /

MMAC1 phosphatase and tension homolog deleted on chromosome 10|mutated in multiple advanced cancers

Alias 1|tensin homolog|phosphatase and tensin homolog (mutated in multiple advanced cancers

1)|MGC11227|PTEN1|MMAC1|TEP1|MHAM|BZS|PTEN Names

Immunoprecipitation:This antibody was deemed fit for IP under native conditions Usage

NP_000305.3

(observations from a customer). Additional validation: This antibody has been Summary successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.

Accession

ID

Blocking

EBP06544 **Peptide**

Peptide with sequence CNEPFDEDQHTQIT, from the internal region (near the C Terminus) of the protein **Immunogen**

sequence according to NP_000305.3.

Peptide

Sequence

CNEPFDEDQHTQIT

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

Method using the immunizing peptide.

Shipping

Refrigerated Instructions

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

Species Reactive

Species

Human, Mouse

5728

Human

Gene ID

Product

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

Grade **ELISA**

Detection

Antibody detection limit dilution 1:32000.

Limit

Approx 55kDa band observed in lysates of cell line A431 and 50kDa in lysates of cell line NIH3T3 (calculated Western

MW of 47.1kDa according to Human NP_000305 and Mouse NP_032986.1). Recommended concentration: **Blot**

 $1-3\mu g/ml$.

Application

Type

Pep-ELISA, WB, IP





Telephone: (650) 697-3600

SELECTED REFERENCES

[{"pmid": 30377371, "intro": "This antibody has been successfully used in the following paper:", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}]

GALLERY IMAGES

e erest

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa

25kDa 20kDa