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GOAT ANTI-MOB2 (AA128-140) ANTIBODY

SKU: EB10797

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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	mps one binder kinase activator-like 2| mob2 homolog| HCCA2 protein| HCCA2|MOB2
Accession ID	NP_001165694.1; NP_443731.2
Blocking Peptide	EBP10797
Immunogen	Peptide with sequence DERGKKVKCTAPQ, from the internal region of the protein sequence according to NP_001165694.1; NP_443731.2.
Product Comments	This antibody is expected to recognize both reported isoforms (NP_001165694.1; NP_443731.2) only.
Peptide Sequence	DERGKKVKCTAPQ
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, Cow
Reactive Species	Human
Human Gene ID	81532
Mouse Gene ID	101513
Rat Gene ID	499288
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	In paraffin embedded Human Lung shows staining of smooth muscle cells, vasculature and apical secretory granules in the epithelium of the bronchiole. Recommended concentration: 5-10µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 30kDa band observed in lysates of cell line Jurkat (calculated MW of 30.2kDa according to NP_001165694.1). Recommended concentration: 0.02-0.06µg/ml. An additional band of unknown identity was also consistently observed at 48kDa. This band was successfully blocked by incubation with the immunizing peptide.

Application Type	Pep-ELISA, WB, IHC

SELECTED REFERENCES

[{"pmid": 22566124, "intro": "**This antibody has been successfully used in Western blot on Rat:**", "title": "Mps one binder 2 gene upregulation in the stellation of astrocytes induced by cAMP-dependent pathway.", "author": "Fang KM, Liu YY, Lin CH, Fan SS, Tsai CH, Tzeng SF.", "journal": "J Cell Biochem. 2012 Sep;113(9):3019-28. doi: 10.1002/jcb.24180."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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