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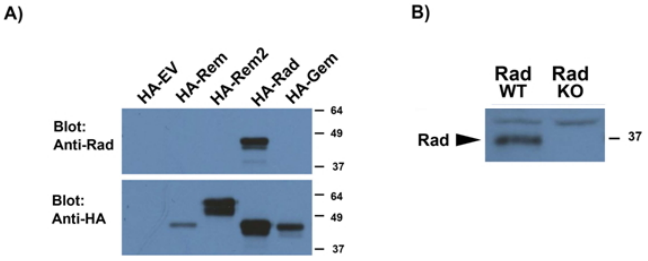
GOAT ANTI-RRAD (AA36-48) ANTIBODY

SKU: EB11418



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	RRAD| REM3| Ras-related associated with diabetes| ras associated with diabetes| RAS (RAD and GEM) like GTP binding 3| RAD1| RAD| OTTHUMP00000174805| GTP-binding protein RAD
Accession ID	NP_004156.1
Blocking Peptide	EBP11418
Immunogen	Peptide with sequence C-HRRSMPVDERDLQ, from the internal region of the protein sequence according to NP_004156.1.
Product Comments	Reported variants represent identical protein: NP_004156.1, NP_001122322.1
Peptide Sequence	C-HRRSMPVDERDLQ
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	Mouse
Human Gene ID	6236

Mouse Gene ID	56437
Rat Gene ID	83521
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 1:64000.
Western Blot	Approx 37kDa band observed in Mouse Heart lysates and no 37kDa in the KO lysates (calculated MW of 33.2kDa according to mouse NP_062636.2 and human NP_004156.1). There is some non-specific background, we call for caution when used for other assays than Western blot. In transfected HEK293 transiently expressing Mouse Rrad (HA tagged), a band of approx. 45kDa is observed. No bands are observed in transfected HEK293 transiently expressing related Mouse GTPases. Recommended concentration: 0.5-2µg/ml.
Application Type	Pep-ELISA, WB

SELECTED REFERENCES

[{"pmid": 28732776, "intro": "**This antibody has been successfully used in Western blot on Mouse:**", "title": "Rad GTPase is essential for the regulation of bone density and bone marrow adipose tissue in mice", "author": "Catherine N. Withers, Drew M. Brown, Innocent Byiringiro , Matthew R. Allen , Keith W. Condon, Jonathan Satin, Douglas A. Andres", "journal": "Bone. 2017 Oct; 103: 270-280."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES