bs-6547R

[Primary Antibody]

BIOSS ANTIBODIES

MAG1 Rabbit pAb

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- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 84803 **SWISS:** Q53EU6

Target: MAG1

Immunogen: KLH conjugated synthetic peptide derived from human Lung

cancer metastasis associated protein: 65-160/434.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: MAG1 is the endoplasmic reticulum form of acyl-CoA:glycerol-3-

phosphate acyltransferase - which catalyzes the initial step of de novo triacylglycerol synthesis by converting glycerol-3-phosphate to lysophosphatidic acid. Overexpression of MAG1 activates the

mTOR pathway.

Applications: WB (1:500-2000)

Reactivity: Mouse (predicted: Human,

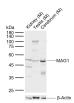
Rat, Rabbit, Pig, Cow,

Horse)

Predicted MW.: 48 kDa

Subcellular Location: Cell membrane ,Cytoplasm

- VALIDATION IMAGES -



Sample: Lane 1: Mouse Kidney tissue lysates Lane 2: Mouse Testis tissue lysates Lane 3: Mouse Cerebrum tissue lysates Primary: Anti-MAG1 (bs-6547R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48 kDa Observed band size: 50 kDa

- SELECTED CITATIONS -

• [IF=5.581] null. et al. Decreased Hyocholic Acid and Lysophosphatidylcholine Induce Elevated Blood Glucose in a Transgenic Porcine Model of Metabolic Disease. METABOLITES. 2022 Dec;12(12):1164 WB; Pig. 10.3390/metabo12121164