bs-6547R **[Primary Antibody]**

MAG1 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

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.

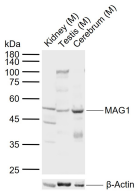
Applications: **WB** (1:200-1000)

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 1/200 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