bs-12450R

[Primary Antibody]

AGO2 Rabbit pAb



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– DATASHEET –		400-901-9800
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclona	al	IHC-P (1:100-500) IHC-F (1:100-500)
GenelD: 27161	SWISS: Q9UKV8	IF (1:100-500)
Target: AGO2		Reactivity: Mouse (predicted: Human
Immunogen: KLH conju 431-530/8	ugated synthetic peptide derived from human AGO. 359.	2: Rat, Pig, Sheep, Cow, Dog, Horse)
Purification: affinity pu	urified by Protein A	
Concentration: 1mg/ml		Predicted MW.: ^{97 kDa}
Storage: 0.01M TB: Glycerol. Shipped a freeze/th:	S (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% at 4°C. Store at -20°C for one year. Avoid repeated aw cycles.	Subcellular Cytoplasm ,Nucleus Location:
Background: Eukaryoti (argonau compone microRN/ Small RN. can silenci miRNP pa and Dicer silencing. compone (P-bodies contain n translatic Additiona eIF2C4 (a	ic translation initiation factor 2C (eIF2C) proteins te family) influence RNA interference (RNAi) as ints of the RNA-inducible silencing complex (RISC) of A (miRNA)-containing ribonucleoprotein particle (m As, including small interfering RNAs (siRNAs) and m ce target genes through mechanisms that utilize RIS articles. eIF2C1 (argonaute 1, AGO1, eIF2C, GERP95, 1 play a coordinated role in siRNA-mediated gene . eIF2C2 (Slicer, argonaute 2, AGO2, Q10) is a RISC ent that can concentrate in cytoplasmic processing s) and catalyze mRNA cleavage. Mammalian P-bodien nRNAs and have an association with miRNA-induced onal silencing and siRNA-induced mRNA degradatio al eIF2C proteins include eIF2C3 (argonaute 3, AGO3 rgonaute 4, AGO4) and meIF2c5 (mouse argonaute	or hiRNP). iRNAs, SC or Q99) bodies es d n. 3), 5).

VALIDATION IMAGES



Sample: Uterus (Mouse) Lysate at 40 ug Primary: Anti-eIF2C2 (bs-12450R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 97 kD Observed band size: 97 kD



Sample: Spleen (Mouse) Lysate at 40 ug Primary: Anti-eIF2C2 (bs-12450R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 97 kD Observed band size: 97 kD



Paraformaldehyde-fixed, paraffin embedded (mouse kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (AGO2) Polyclonal Antibody, Unconjugated (bs-12450R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

- SELECTED CITATIONS -

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- [IF=6.208] Xiaoyv Yue. et al. circITGB1 Regulates Adipocyte Proliferation and Differentiation via the miR-23a/ARRB1

Pathway. INT J MOL SCI. 2023 Jan;24(3):1976 Other ;Sheep. 36768295

- [IF=4.5] Duo Cheng. et al. Downregulation of circ-RAPGEF5 inhibits colorectal cancer progression by reducing the expression of polypeptide N-acetylgalactosaminyltransferase 3 (GALNT3). ENVIRON TOXICOL. 2024 May;: Other ;Human. 38775215
- [IF=4.657] Feng, Lei. et al. Circ_0088194 Regulates Proliferation, Migration, Apoptosis, and Inflammation by miR-30a-3p/ADAM10 Axis in Rheumatoid Arthritis Fibroblastic Synovial Cells. INFLAMMATION. 2022 Aug;:1-14 Other ;Human. 35918573
- [IF=3.038] Yun Fan. et al. LncRNA SNHG15 Knockdown Protects Against OGD/R-Induced Neuron Injury by Downregulating TP53INP1 Expression via Binding to miR-455-3p. 2021 Feb 02 IP ;Rat. 33528807