

bs-7737R**[Primary Antibody]****Bioss**
ANTIBODIES

www.bioss.com.cn

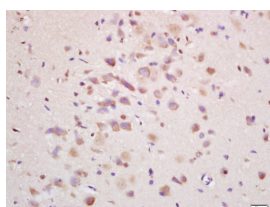
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

EIF2C Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Pig, Cow, Chicken, Horse, Fruit Fly) Predicted MW.: 94 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 26523	SWISS: Q9UL18	
Target: EIF2C		
Immunogen: KLH conjugated synthetic peptide derived from human EIF2C1/Ago1: 431-530/984.		
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: Ago1 belongs to the argonaute family and contains 1 PAZ and 1 Piwi domain. It is required for G1 arrest and mating in response to nitrogen starvation. It is also known as cell cycle control protein through it's regulation of cytokinesis and cell cycle checkpoints occurs downstream of dcr1. It is required, indirectly, for regulated hyperphosphorylation of cdc2. Ago 1 also has a role in the RNA interference (RNAi) pathway which is important for heterochromatin formation and accurate chromosome segregation. It has been shown to be non-essential for siRNA-directed target RNA cleavage but is needed for the production of mature miRNA that affects miRNA-directed RNA cleavage.		

— VALIDATION IMAGES —

Tissue/cell: mouse brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-EIF2C Polyclonal Antibody, Unconjugated(bs-7737R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining