

bs-2503R**[Primary Antibody]****BioSS**
ANTIBODIES

www.bioss.com.cn

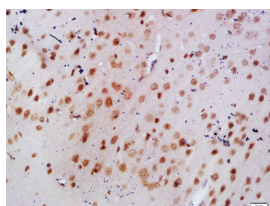
sales@bioss.com.cn

techsupport@bioss.com.cn

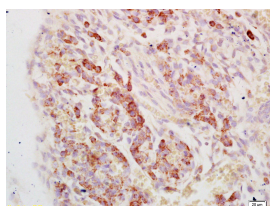
400-901-9800

EEF1A1 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 1915 Target: EEF1A1 Immunogen: KLH conjugated synthetic peptide derived from human EEF1A1: 131-230/462. 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: This gene encodes an isoform of the alpha subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This isoform (alpha 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas, and the other isoform (alpha 2) is expressed in brain, heart and skeletal muscle. This isoform is identified as an autoantigen in 66% of patients with Felty syndrome. This gene has been found to have multiple copies on many chromosomes, some of which, if not all, represent different pseudogenes. [provided by RefSeq, Jul 2008]	Isotype: IgG SWISS: P68104 Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Chicken, Dog, Horse) Predicted MW.: 50 kDa Subcellular Location: Cytoplasm
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

— VALIDATION IMAGES —

Tissue/cell: rat 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-eEF1A1 Polyclonal Antibody, Unconjugated(bs-2503R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: Mouse embryos; 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-EF1a/eEF1A1 Polyclonal Antibody, Unconjugated(bs-2503R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=6.4]** Martin Schicht. et al. Ocular surface changes in mice with streptozotocin-induced diabetes and diabetic polyneuropathy. OCUL SURF. 2023 Dec.; IHC ;Mouse. 38141818
- **[IF=4.074]** Zhang M et al. Proteomic analysis reveals proteins and pathways associated with lactation in bovine

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

mammary epithelial cell-derived exosomes. J Proteome Res . 2020 Aug 7;19(8):3211-3219. WB ;Cow. 32506918