bs-2503R

[Primary Antibody]



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EEF1A1 Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 1915 **SWISS:** P68104

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 20081

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) **IF** (1:100-500)

Reactivity: Mouse, Rat

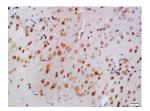
(predicted: Human, Rabbit, Pig, Cow, Chicken, Dog,

Horse)

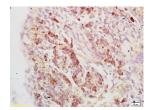
Predicted 50 kDa MW.:

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Tissue/cell: rat brain tissue: 4% Paraformaldehyde-fixed and paraffinembedded: 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 paraffinembedded: 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

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