

eEF1A1 polyclonal antibody

Catalog: BS90445

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The elongation factor-1 complex is composed of two subunits, EF-1 α 1 (elongation factor 1-alpha 1) and EF-1 α 2 (elongation factor 1-alpha 2), and is responsible for the delivery of aminoacyl tRNAs to the ribosome. EF-1 α 1 is expressed predominately in brain, placenta, lung, liver, kidney and pancreas, while EF-1 α 2 is highly expressed in heart, brain and skeletal muscle. Both EF-1 α 1 and α 2 localize to the nucleus and belong to the GTP-binding elongation factor family. The gene encoding EF-1 α 2, which maps to human chromosome 20q13.3, may play a role in the development of ovarian cancer, while the EF-1 α 1 gene, mapping to chromosome 6Q14.1, is commonly present as an autoantigen in patients with Felty syndrome. Felty syndrome is a disorder characterized by rheumatoid arthritis, a swollen spleen, decreased white blood cell count, and increased susceptibility to infection.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

50 kDa

Swiss-Prot:

P68104(Human) P10126(Mouse) P62630(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:1,000

ICC:1:50-1:200

IHC:1:50-1:200

FC:1:50-1:100

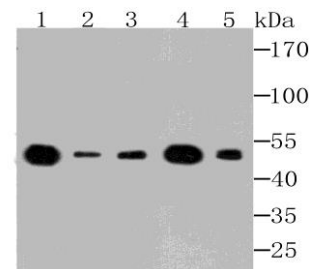
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

eEF1A1 polyclonal antibody detects endogenous levels of eEF1A1 protein.

DATA:



Western blot analysis of eEF1A1 on different lysates using anti-eEF1A1 antibody at 1/500 dilution.

Positive control:

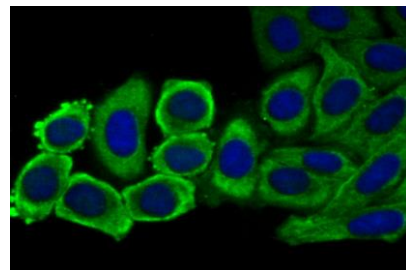
Lane 1: Rat brain tissue

Lane 2: Mouse skeletal muscle

Lane 3: Mouse cerebellum

Lane 4: Rat skin

Lane 5: Daudi



ICC staining eEF1A1 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151