

## EF-1 $\alpha$ 1/2 (Acetyl Lys41) Polyclonal Antibody

Cat #: ABP50104

Size: 30 $\mu$ l /100 $\mu$ l /200 $\mu$ l

### Product Information

|                                                                                   |                                                                           |                                                                                   |                                           |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                                                                                   | <b>Product Name:</b> EF-1 $\alpha$ 1/2 (Acetyl Lys41) Polyclonal Antibody |                                                                                   |                                           |
|                                                                                   | <b>Applications:</b> WB, ELISA                                            |                                                                                   | <b>Isotype:</b> Rabbit IgG                |
|                                                                                   | <b>Reactivity:</b> Human, Mouse, Rat                                      |                                                                                   |                                           |
| <b>REF</b>                                                                        | <b>Catalog Number:</b> ABP50104                                           | <b>LOT</b>                                                                        | <b>Lot Number:</b> Refer to product label |
|                                                                                   | <b>Formulation:</b> Liquid                                                |                                                                                   | <b>Concentration:</b> 1 mg/ml             |
|  | <b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.      |  | <b>Note:</b> Contain sodium azide.        |

**Background:** EEF1A1 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. eukaryotic translation elongation factor 1 alpha 1 is identified as an autoantigen in 66% of patients with Felty syndrome. EEF1A1 has been found to have multiple copies on many chromosomes, some of which, if not all, represent different pseudogenes.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:20000). Not yet tested in other applications.

**Storage Buffer:** PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

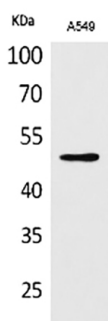


Fig.1. Western Blot analysis of A549 cells using Acetyl-EF-1  $\alpha$ 1/2 (K41) Polyclonal Antibody. Secondary Antibody was diluted at 1:20000.

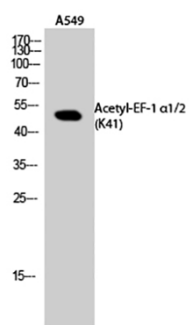


Fig.2. Western Blot analysis of A549 cells using Acetyl-EF-1  $\alpha$ 1/2 (K41) Polyclonal Antibody. Secondary Antibody was diluted at 1:20000.

**Note:** The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.