

# **Product datasheet for TA360071**

#### OriGene Technologies, Inc.

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## **EEF1A1 Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

**Clonality:** Polyclonal

**Immunogen:** The immunogen is a synthetic peptide directed towards the middle region of human EF1A1

**Specificity: Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 50 kDa

**Gene Name:** eukaryotic translation elongation factor 1 alpha 1

Database Link: NP 001393.1

Entrez Gene 1915 Human

P68104

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.



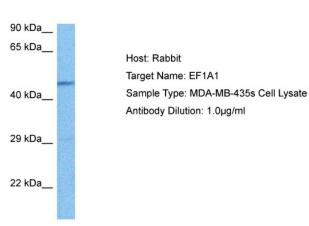


Synonyms: CCS-3; CCS3; EEF-1; EEF1A; eEF1A-1; EF-1-alpha-1; EF-Tu; EF1A; FLJ25721; GRAF-1EF;

HNGC:16303; LENG7; MGC16224; MGC102687; MGC131894; OTTHUMP00000063804; PTI1

**Protein Families:** Druggable Genome

## **Product images:**



Host: Rabbit Target Name: EF1A1

Sample Tissue: MDA-MB-435s Whole cell lysates

Antibody Dilution: 1.0ug/ml