

## Product datasheet for **TA360071**

### 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 EEF1A1
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	<a href="#">NP_001393.1</a> <a href="#">Entrez Gene 1915 Human</a> <a href="#">P68104</a>
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.



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**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; PT11

**Protein Families:** Druggable Genome

**Product images:**



Host: Rabbit  
 Target Name: EEF1A1  
 Sample Type: MDA-MB-435s Cell Lysate  
 Antibody Dilution: 1.0µg/ml

Host: Rabbit  
 Target Name: EEF1A1  
 Sample Tissue: MDA-MB-435s Whole cell lysates  
 Antibody Dilution: 1.0ug/ml