

## Product datasheet for **TA375721S**

### EEF1A2 Rabbit Polyclonal Antibody

#### Product data:

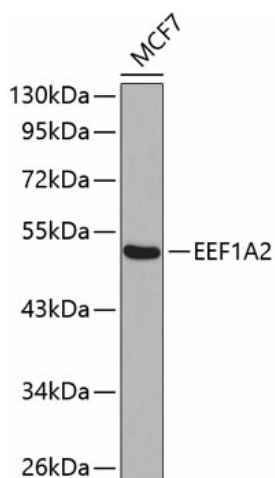
|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Applications:           | IHC, WB  |
| Recommended Dilution:   | WB,1:500 - 1:2000<br>IHC,1:50 - 1:200  |
| Reactivity:             | Human, Mouse, Rat  |
| Modifications:          | Unmodified   |
| Host:                   | Rabbit   |
| Isotype:                | IgG  |
| Clonality:              | Polyclonal   |
| Immunogen:              | Recombinant fusion protein containing a sequence corresponding to amino acids 184-463 of human EEF1A2 (NP_001949.1).   |
| Formulation:            | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.  |
| Concentration:          | lot specific   |
| Purification:           | Affinity purification  |
| Conjugation:            | Unconjugated   |
| Storage:                | Store at -20°C. Avoid freeze / thaw cycles.  |
| Stability:              | Shelf life: one year from despatch.  |
| Predicted Protein Size: | 50kDa  |
| Gene Name:              | eukaryotic translation elongation factor 1 alpha 2   |
| Database Link:          | <a href="#">Entrez Gene 1917 Human Q05639</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 2) is expressed in brain, heart and skeletal muscle, and the other isoform (alpha 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas. This gene may be critical in the development of ovarian cancer. |



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Synonyms: eEF1A-2; EEF1AL; EF-1-alpha-2; EF1A; FLJ41696; HS1; OTTHUMP00000031776; statin-like; STN; STNL

### Product images:



Western blot analysis of extracts of MCF-7 cells, using EEF1A2 antibody ([TA375721]). | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST.