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# EFTUD1 Antibody (C-term) Blocking peptide

**Synthetic peptide**
**Catalog # BP10373b**

## Specification

### EFTUD1 Antibody (C-term) Blocking peptide - Product Information

| | |
|---|---|
| Primary Accession | Q7Z2Z2 |
| Other Accession | NP_078856.4, NP_001035700.1 |

### EFTUD1 Antibody (C-term) Blocking peptide - Additional Information

**Gene ID** 79631

**Other Names**
Elongation factor Tu GTP-binding domain-containing protein 1, Elongation factor-like 1, Protein FAM42A, EFTUD1, EFL1, FAM42A

**Format**
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### EFTUD1 Antibody (C-term) Blocking peptide - Protein Information

**Name** EFL1 (HGNC:25789)

**Synonyms** EFTUD1, FAM42A

**Function**
Involved in the biogenesis of the 60S ribosomal subunit and translational activation of ribosomes. Together with SBDS, triggers the GTP-dependent release of EIF6 from 60S pre-ribosomes in the cytoplasm, thereby activating ribosomes for translation competence by allowing 80S ribosome assembly and facilitating EIF6 recycling to the nucleus, where it is required for 60S rRNA processing and nuclear export. Has low intrinsic GTPase activity. GTPase activity is increased by contact with 60S ribosome subunits.

**Tissue Location**
Expressed at low levels in brain. Expression is highly increased in glioma tissues.

### EFTUD1 Antibody (C-term) Blocking peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

**EFTUD1 Antibody (C-term) Blocking peptide - Images**

**EFTUD1 Antibody (C-term) Blocking peptide - References**

Nicolas, E., et al. Eur. J. Hum. Genet. 18(10):1107-1113(2010)Willer, C.J., et al. Nat. Genet. 41(1):25-34(2009)Harrington, J.J., et al. Nat. Biotechnol. 19(5):440-445(2001)