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EFTUD1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10373b

Specification

EFTUD1 Antibody (C-term) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	Q7Z2Z2
Other Accession	Q8C0D5, NP_078856.4, NP_001035700.1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**125430**
Antigen Region	**1062-1090**

EFTUD1 Antibody (C-term) - 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

Target/Specificity
This EFTUD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1062-1090 amino acids from the C-terminal region of human EFTUD1.

Dilution
WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
EFTUD1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

EFTUD1 Antibody (C-term) - 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.

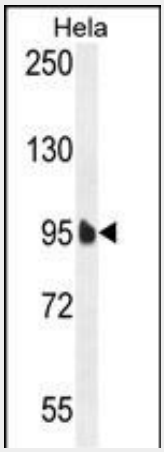
Tissue Location
Expressed at low levels in brain. Expression is highly increased in glioma tissues.

EFTUD1 Antibody (C-term) - Protocols

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

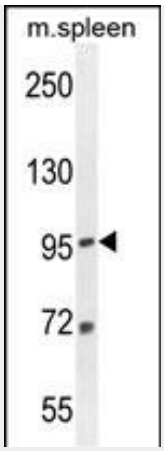
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EFTUD1 Antibody (C-term) - Images

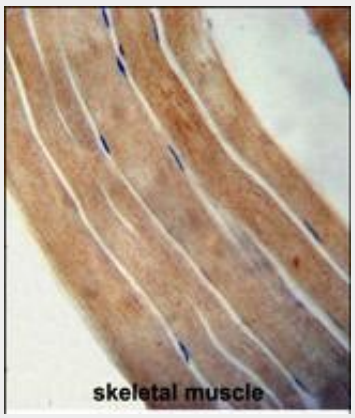


EFTUD1 Antibody (C-term) (Cat. #AP10373b) western blot analysis in Hela cell line lysates (35ug/lane).This demonstrates the EFTUD1 antibody detected the EFTUD1 protein (arrow).

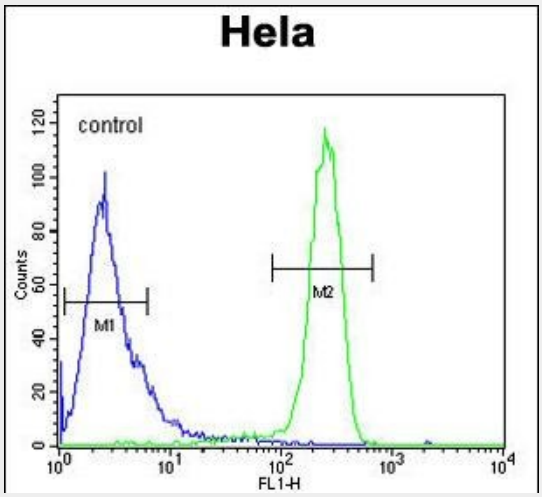
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EFTUD1 Antibody (C-term) (Cat. #AP10373b) western blot analysis in mouse spleen tissue lysates (35ug/lane).This demonstrates the EFTUD1 antibody detected the EFTUD1 protein (arrow).



EFTUD1 antibody (C-term) (Cat. #AP10373b) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the EFTUD1 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



EFTUD1 Antibody (C-term) (Cat. #AP10373b) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

EFTUD1 Antibody (C-term) - 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)