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Datasheet for ABIN655925

## anti-EIF5AL1 antibody (C-Term)

### 3 Images

#### Overview

Quantity:	400 µL
Target:	EIF5AL1
Binding Specificity:	AA 94-122, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF5AL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	This EIF5AL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 94-122 amino acids from the C-terminal region of human EIF5AL1.
Clone:	RB29799
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	EIF5AL1
Alternative Name:	EIF5AL1 ( <a href="#">EIF5AL1 Products</a> )

## Target Details

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**Background:** EIF5AL1 is a mRNA-binding protein involved in translation elongation. Has an important function at the level of mRNA turnover, probably acting downstream of decapping. Involved in actin dynamics and cell cycle progression, mRNA decay and probably in a pathway involved in stress response and maintenance of cell wall integrity. Functions as a regulator of apoptosis. Mediates effects of polyamines on neuronal process extension and survival. May play an important role in brain development and function, and in skeletal muscle stem cell differentiation (By similarity).

**Molecular Weight:** 16773

**Gene ID:** 143244

**NCBI Accession:** [NP\\_001093162](#)

**UniProt:** [Q6IS14](#)

## Application Details

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**Application Notes:** IF: 1:10~50. WB: 1:1000. IHC-P: 1:10~50

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

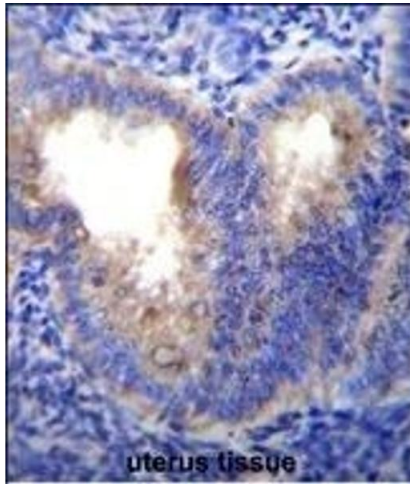
**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C, -20 °C

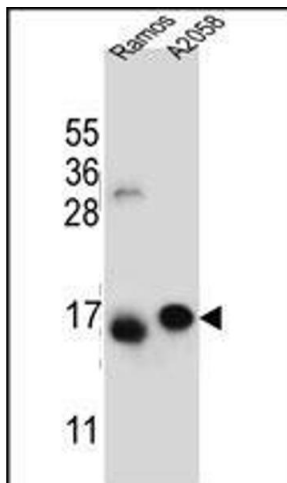
**Storage Comment:** Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

**Expiry Date:** 6 months



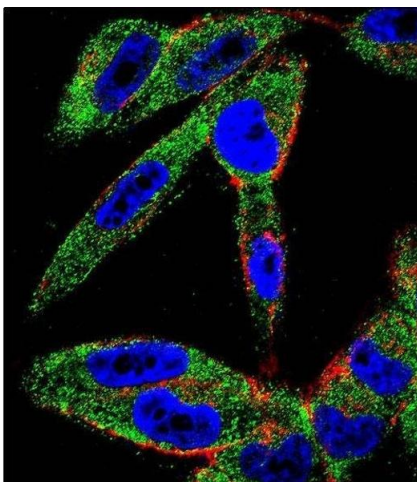
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** EIF5AL1 Antibody (C-term) (ABIN655925 and ABIN2845320) immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of EIF5AL1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** EIF5AL1 Antibody (C-term) (ABIN655925 and ABIN2845320) western blot analysis in Ramos, cell line lysates (35 µg/lane). This demonstrates the EIF5AL1 antibody detected the EIF5AL1 protein (arrow).



### Immunofluorescence

**Image 3.** Confocal immunofluorescent analysis of EIF5AL1 Antibody (C-term) (ABIN655925 and ABIN2845320) with cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).