

## Datasheet for ABIN7467212 **anti-EIF5A antibody**



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### Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | EIF5A   |
| Reactivity:  | Human   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This EIF5A antibody is un-conjugated  |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Full length human EIF5A Recombinant protein. |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human, Mouse, Rat                            |
| Purification:     | Purified by antigen-affinity chromatography. |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | EIF5A   |
| Alternative Name: | eukaryotic translation initiation factor 5A ( <a href="#">EIF5A Products</a> )  |
| Background:       | Eukaryotic translation initiation factor 5A , EIF-5A , EIF5A1 , eIF5A1,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 |

## Target Details

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progression, mRNA decay and probably in a pathway involved in stress response and maintenance of cell wall integrity. With syntenin SDCBP, functions as a regulator of TP53/p53 and TP53/p53-dependent apoptosis. Regulates also TNF-alpha-mediated 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. Also described as a cellular cofactor of human T-cell leukemia virus type I (HTLV-1) Rex protein and of human immunodeficiency virus type 1 (HIV-1) Rev protein, essential for mRNA export of retroviral transcripts.

|                   |   |
|-------------------|---|
| Molecular Weight: | 17 kDa  |
| Gene ID:          | 1984  |
| UniProt:          | <a href="#">P63241</a>                                    |
| Pathways:         | <a href="#">Regulation of Muscle Cell Differentiation</a> |

## Application Details

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|                    |  |
|--------------------|--|
| Application Notes: | WB: 1:500-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications. |
| Comment:           | Positive Control: PC-12 , Rat2   |
| Restrictions:      | For Research Use only  |

## Handling

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|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 0.4 mg/mL  |
| Buffer:            | 1XPBS ( pH 7), 20 % Glycerol, 0.025 % ProClin 300  |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.  |
| Storage:           | 4 °C,-20 °C  |
| Storage Comment:   | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |