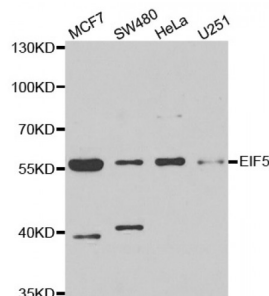


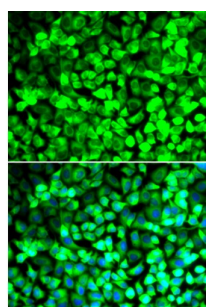
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## Eukaryotic Translation Initiation Factor 5 (EIF5) Antibody

Catalogue No.: abx005049



Western blot analysis of extracts of various cell lines, using EIF5 antibody (abx005049) at 1/1000 dilution.



Immunofluorescence analysis of U2OS cells using EIF5 antibody (abx005049). Blue: DAPI for nuclear staining.

EIF5 Antibody is a Rabbit Polyclonal antibody against EIF5. Eukaryotic translation initiation factor-5 (EIF5) interacts with the 40S initiation complex to promote hydrolysis of bound GTP with concomitant joining of the 60S ribosomal subunit to the 40S initiation complex. The resulting functional 80S ribosomal initiation complex is then active in peptidyl transfer and chain elongations (summary by Si et al., 1996).

**Target:** EIF5

**Reactivity:** Human, Mouse, Rat

**Host:** Rabbit

**Clonality:** Polyclonal

**Tested Applications:** WB, IF/ICC

**Recommended dilutions:** WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Recombinant protein of human EIF5.

**Purification:** Affinity purified.

**Form:** Liquid

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|                          |                                                                 |
|--------------------------|-----------------------------------------------------------------|
| <b>Isotype:</b>          | IgG                                                             |
| <b>Conjugation:</b>      | Unconjugated                                                    |
| <b>Storage:</b>          | Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles. |
| <b>Molecular Weight:</b> | Calculated MW: 49 kDa<br>Observed MW: 55 kDa                    |
| <b>Swiss Prot:</b>       | <a href="#">P55010</a>                                          |
| <b>GeneID:</b>           | <a href="#">1983</a>                                            |
| <b>Gene Symbol:</b>      | EIF5                                                            |
| <b>Concentration:</b>    | > 1 mg/ml                                                       |
| <b>Buffer:</b>           | PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.                  |
| <b>Note:</b>             | This product is for research use only.                          |