



Acetyl eIF5A/eIF5A2 (K47) rabbit pAb

Cat No.:ES1096

For research use only

Overview

| | |
|---------------------------------|---|
| Product Name | Acetyl eIF5A/eIF5A2 (K47) rabbit pAb |
| Host species | Rabbit |
| Applications | WB;ELISA |
| Species Cross-Reactivity | Human;Mouse;Rat |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized Acetyl-peptide derived from human eIF5A around the Acetylation site of Lys47. AA range:11-60 |
| Specificity | Acetyl-eIF5A/eIF5A2 (K47) Polyclonal Antibody detects endogenous levels of eIF5A/eIF5A2 protein only when acetylated at K47. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Eukaryotic translation initiation factor 5A-2 |
| Gene Name | EIF5A2 |
| Cellular localization | Cytoplasm . Nucleus . Endoplasmic reticulum membrane ; Peripheral membrane protein ; Cytoplasmic side . Nucleus, nuclear pore complex . Hypusine modification promotes the nuclear export and cytoplasmic localization and there was a dynamic shift in the loc |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | |
| Human Gene ID | 56648 |
| Human Swiss-Prot Number | Q9GZV4 |
| Alternative Names | EIF5A2; Eukaryotic translation initiation factor 5A-2; eIF-5A-2; eIF-5A2; Eukaryotic initiation factor 5A |

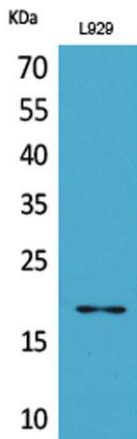




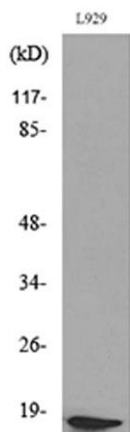
Background

isoform 2

function: The precise role of eIF-5A in protein biosynthesis is not known but it functions by promoting the formation of the first peptide bond., PTM: eIF-5A seems to be the only eukaryotic protein to have an hypusine residue which is a post-translational modification of a lysine by the addition of a butylamino group (from spermidine)., similarity: Belongs to the eIF-5A family., tissue specificity: Expressed in ovarian and colorectal cancer cell lines (at protein level). Highly expressed in testis. Overexpressed in some cancer cells.,



Western blot analysis of L929 lysis using antibody diluted at 1:1000. Secondary antibody (catalog#: RS0002) was diluted at 1:20000



Western blot analysis of lysate from L929 cells, using eIF5A (Acetyl-Lys47) Antibody.

