

For Research Use Only

EIF1AX Polyclonal antibody

Catalog Number: 14654-1-AP

1 Publications



Basic Information

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|--|--|---|
| Catalog Number: 14654-1-AP | GenBank Accession Number: BC067851 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 900 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 1964 | Recommended Dilutions: WB 1:500-1:1000 IF 1:20-1:200 |
| Source: Rabbit | Full Name: eukaryotic translation initiation factor 1A, X-linked | |
| Isotype: IgG | Calculated MW: 16 kDa | |
| Immunogen Catalog Number: AG6253 | Observed MW: 16-23 kDa | |

Applications

| | |
|--|---|
| Tested Applications: IF, WB, ELISA | Positive Controls: WB : HepG2 cells, A375 cells, HeLa cells, PC-3 cells |
| Cited Applications: WB | IF : HepG2 cells, |
| Species Specificity: human | |
| Cited Species: human | |

Background Information

Eukaryotic translation initiation factor 1A, X-chromosome(EIF1AX), designated as to distinguish from the Y-linked homolog, has an unblocked N-terminal proline, which was consistent with the general pattern of eukaryotic protein. It's may be required for maximal rate of protein biosynthesis. Like EIF4C, it enhances ribosome dissociation into subunits and stabilizes the binding of the initiator Met-tRNA(I) to 40S ribosomal subunits.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-----------|-----------|------------|-------------|
| Hao-Yu Li | 26306425 | Proteomics | WB |

Storage

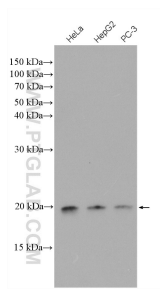
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

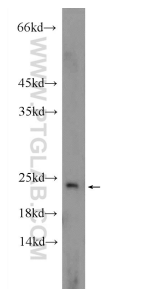
For technical support and original validation data for this product please contact:
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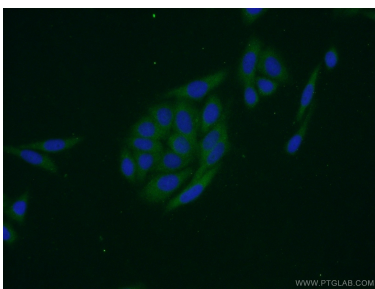
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14654-1-AP (EIF1AX antibody) at dilution of 1:600 incubated at 4 degree celsius over night.



HepG2 cells were subjected to SDS PAGE followed by western blot with 14654-1-AP (EIF1AX Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells using 14654-1-AP (EIF1AX antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).