

A4240

Leader in Biomolecular Solutions for Life Science



EIF3G Rabbit pAb

Catalog No.: A4240

Basic Information

Observed MW

42kDa

Calculated MW

36kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

This gene encodes a core subunit of the eukaryotic translation initiation factor 3 (eIF3) complex, which is required for initiation of protein translation. An N-terminal caspase cleavage product of the encoded protein may stimulate degradation of DNA. A mutation in this gene is associated with narcolepsy.

Recommended Dilutions

WB 1:200 - 1:2000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

8666

Swiss Prot

O75821

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-320 of human EIF3G (NP_003746.2).

Synonyms

EIF3S4; EIF3-P42; eIF3-p44; eIF3-delta; EIF3G

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

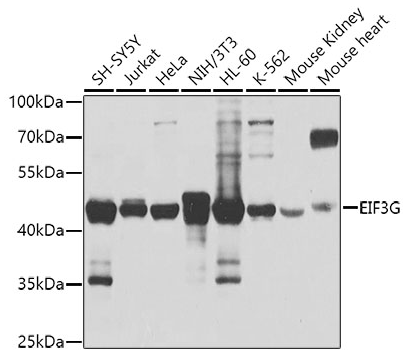
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using EIF3G antibody (A4240) at 1:1000 dilution.

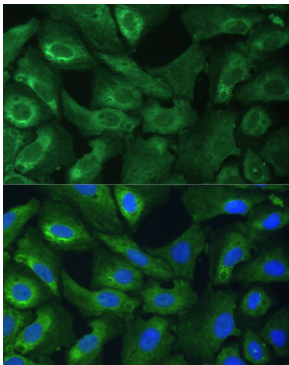
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Immunofluorescence analysis of U-2 OS cells using EIF3G Polyclonal Antibody (A4240) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.