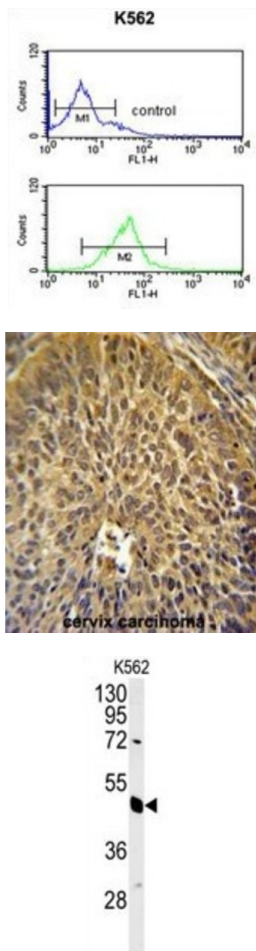


Eukaryotic Translation Initiation Factor 3 Subunit G (EIF3G) Antibody

Catalogue No.: abx032484



Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNAⁱ and eIF-5 to form the 43S preinitiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of posttermination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. This subunit can bind 18S rRNA.

Target: Eukaryotic Translation Initiation Factor 3 Subunit G (EIF3G)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB, IHC, FCM

Host: Rabbit

Datasheet

Version: 3.0.0
Revision date: 02 Apr 2025



Recommended dilutions: WB: 1/1000, IHC-P: 1/50 - 1/100, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 209-238 amino acids from the Central region of human EIF3G.

Isotype: IgG

Form: Liquid

Purification: Purified through a protein A column, followed by peptide affinity purification.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: O75821 ([UniProt](#), [ExPASy](#))

Gene Symbol: EIF3G

KEGG: hsa:8666

String: [9606.ENSP00000253108](#)

Molecular Weight: Calculated MW: 35.6 kDa

Buffer: PBS containing 0.09% sodium azide.

Specificity: Predicted to react with Mouse, Rat, Cow, Zebrafish and Xenopus EIF3G.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.