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Datasheet for ABIN7152159

anti-EIF3G antibody (AA 2-320) (HRP)

Overview

Quantity:	100 µg
Target:	EIF3G
Binding Specificity:	AA 2-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3G antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Eukaryotic translation initiation factor 3 subunit G protein (2-320AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	EIF3G
Alternative Name:	EIF3G (EIF3G Products)
Background:	Background: 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

Target Details

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 post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. This subunit can bind 18S rRNA.

Aliases: 44 kDa antibody, Anti EIF3S4 antibody, eIF 3 delta antibody, eIF 3 RNA binding subunit antibody, eIF-3 RNA-binding subunit antibody, eIF-3-delta antibody, EIF3 delta antibody, EIF3 p42 antibody, EIF3 p44 antibody, EIF3g antibody, EIF3G_HUMAN antibody, EIF3S4 antibody, EIF3S4 antibody antibody, EIF3S4, formerly antibody, Eukaryotic translation initiation factor 3 antibody, Eukaryotic translation initiation factor 3 RNA binding subunit antibody, Eukaryotic translation initiation factor 3 RNA-binding subunit antibody, Eukaryotic translation initiation factor 3 subunit 4 antibody, Eukaryotic translation initiation factor 3 subunit 4 delta 44 kD antibody, Eukaryotic translation initiation factor 3 subunit G antibody, Eukaryotic translation initiation factor 3 subunit p42 antibody, Eukaryotic translation initiation factor 3, subunit 4, formerly antibody, Subunit 4 (delta 44kD) antibody, Subunit 4 delta antibody

UniProt: [075821](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.