

EIF3G antibody

Product Information

Catalog No.:	FNab02708
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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 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 pre-initiation 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. In case of FCV infection, plays a role in the ribosomal termination-reinitiation event leading to the translation of VP2(PubMed:18056426).

Immunogen information

Immunogen:	eukaryotic translation initiation factor 3, subunit G
Synonyms:	Eukaryotic translation initiation factor 3 subunit G (eIF3g) Eukaryotic translation initiation factor 3 RNA-binding subunit (eIF-3 RNA-binding subunit) Eukaryotic translation initiation factor 3 subunit 4 eIF-3-delta eIF3 p42 eIF3 p44 EIF3G EIF3S4
Observed MW:	44 kDa
Uniprot ID :	O75821

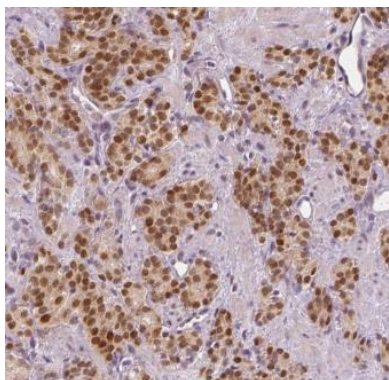
Application

Reactivity: Human, Mouse, Rat

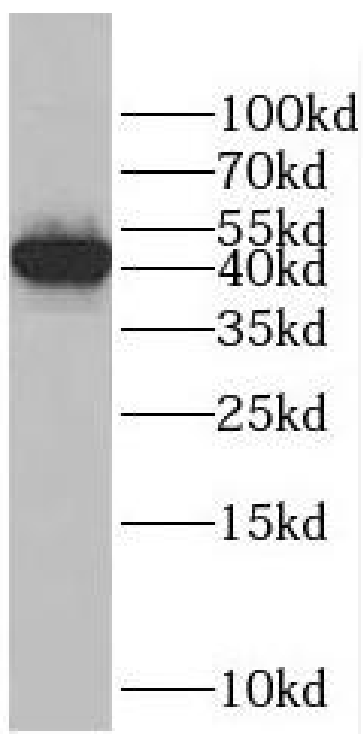
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human prostate cancer using FNab02708(EIF3G antibody) at dilution of 1:50



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab02708(EIF3G antibody) at dilution of 1:500