

Datasheet for ABIN7152176
anti-EIF4G2 antibody (AA 706-907)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	EIF4G2
Binding Specificity:	AA 706-907
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4G2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Eukaryotic translation initiation factor 4 gamma 2 protein (706-907AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	EIF4G2
Alternative Name:	EIF4G2 (EIF4G2 Products)
Background:	Background: Appears to play a role in the switch from cap-dependent to IRES-mediated translation during mitosis, apoptosis and viral infection. Cleaved by some caspases and viral

Target Details

proteases.

Aliases: DAP-5 antibody, DAP5 antibody, Death associated protein 5 antibody, Death-associated protein 5 antibody, eIF-4-gamma 2 antibody, eIF-4G 2 antibody, eIF4G 2 antibody, EIF4G2 antibody, Eukaryotic translation initiation factor 4 gamma 2 antibody, IF4G2_HUMAN antibody, Nat1 antibody, Novel APOBEC-1 target 1 antibody, p97 antibody, Translation repressor NAT1 antibody, Translation repressor NAT1 antibody

UniProt: [P78344](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

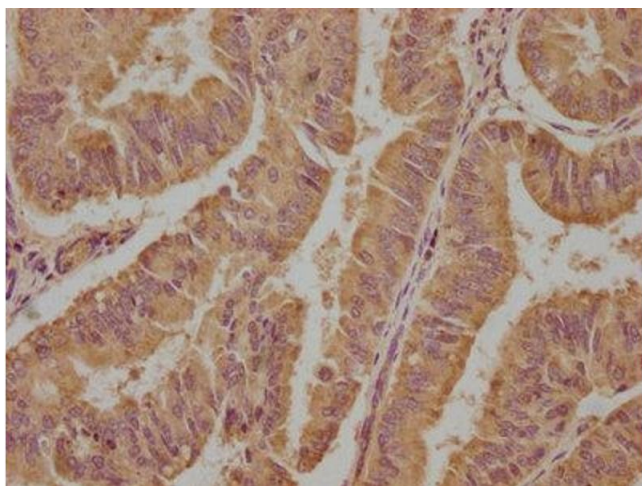
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

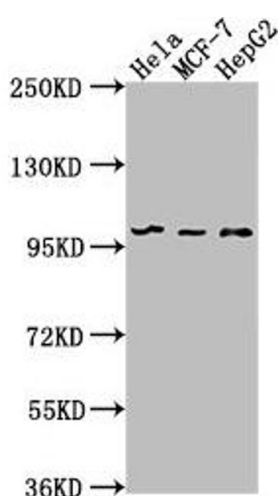
Storage: -20 °C,-80 °C

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



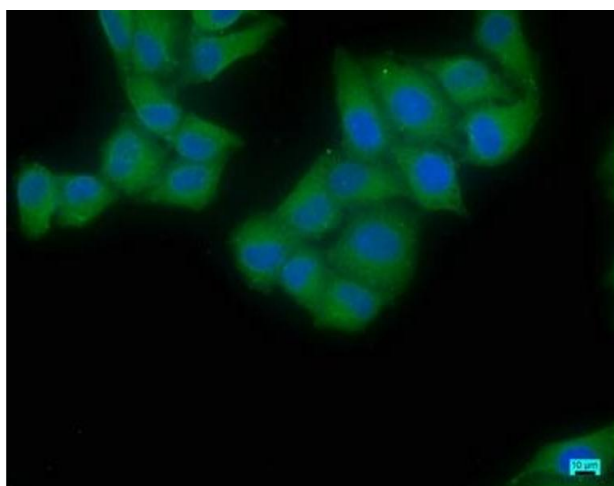
Immunohistochemistry

Image 1. IHC image of ABIN7152176 diluted at 1:100 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: HeLa whole cell lysate, MCF-7 whole cell lysate, HepG2 whole cell lysate. All lanes: EIF4G2 antibody at 1:1000. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 103, 99 kDa. Observed band size: 99 kDa.



Immunofluorescence

Image 3. Immunofluorescence staining of HeLa cells with ABIN7152176 at 1:50, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).