

EIF4G2 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5402

Specification

EIF4G2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P78344
Other Accession	P79398 , Q62448 , Q95L46
Reactivity	Human
Predicted	Bovine, Mouse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=102,98;M=102,98;R=102 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

EIF4G2 Antibody (N-term) - Additional Information

Gene ID 1982

Antigen Region
12-44

Other Names

Eukaryotic translation initiation factor 4 gamma 2, eIF-4-gamma 2, eIF-4G 2, eIF4G 2, Death-associated protein 5, DAP-5, p97, EIF4G2 ([HGNC:3297](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=3297))

Dilution

WB~~1:1000

Target/Specificity

This EIF4G2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 12-44 amino acids from the N-terminal region of human EIF4G2.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

EIF4G2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

EIF4G2 Antibody (N-term) - Protein Information

Name EIF4G2 ([HGNC:3297](#))

Function

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 proteases.

Tissue Location

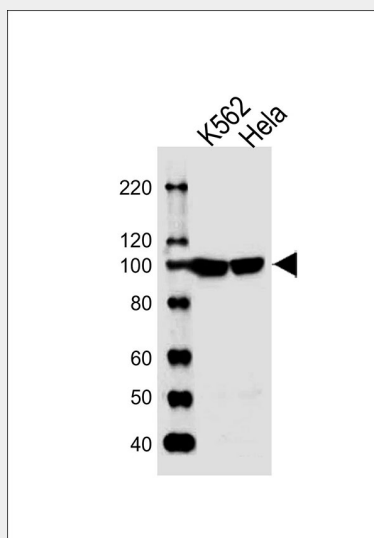
Ubiquitously expressed in all adult tissues examined, with high levels in skeletal muscle and heart. Also expressed in fetal brain, lung, liver and kidney.

EIF4G2 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

EIF4G2 Antibody (N-term) - Images



All lanes : Anti-EIF4G2 Antibody (N-term) at 1:1000 dilution Lane 1: K562 whole cell lysates Lane 2: HeLa whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 102 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

EIF4G2 Antibody (N-term) - 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 proteases.

EIF4G2 Antibody (N-term) - References

Imataka H.,et al.EMBO J. 16:817-825(1997).

Yamanaka S.,et al.Genes Dev. 11:321-333(1997).

Levy-Strumpf N.,et al.Mol. Cell. Biol. 17:1615-1625(1997).

Totoki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

Taylor T.D.,et al.Nature 440:497-500(2006).