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EIF4G2 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5402

Product Information

Application	WB
Primary Accession	P78344
Other Accession	P79398, Q62448, Q95L46
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	102362
Isotype	Rabbit IgG
Antigen Source	HUMAN

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)
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.

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.

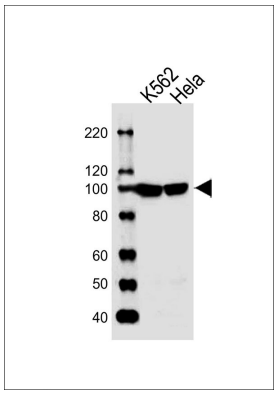
Background

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.

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).

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.