

DAP-5 Rabbit pAb

CatalogNo: YT1286

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, ELISA

MW

- 90kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

IF 1:200-1:1000

ELISA 1:20000

Not yet tested in other applications.

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human EIF4G2. AA range:41-90

Specificity DAP-5 Polyclonal Antibody detects endogenous levels of DAP-5 protein.

| Target Information

Gene name EIF4G2

Protein Name Eukaryotic translation initiation factor 4 gamma 2

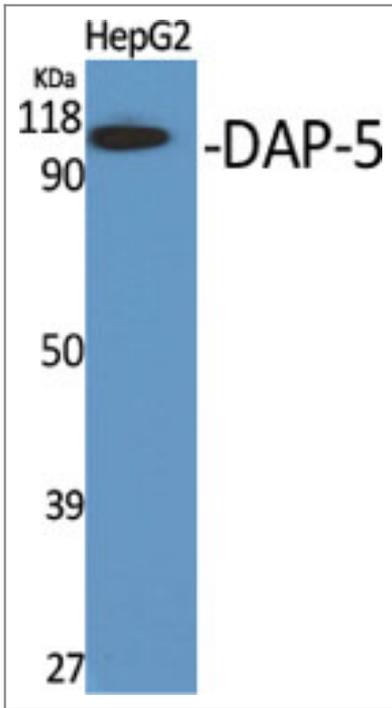
Organism	Gene ID	UniProt ID
Human	1982 ;	P78344 ;
Mouse	13690 ;	Q62448 ;

Cellular Localization cytosol,cell-cell adherens junction,membrane,eukaryotic translation initiation factor 4F complex,axon,

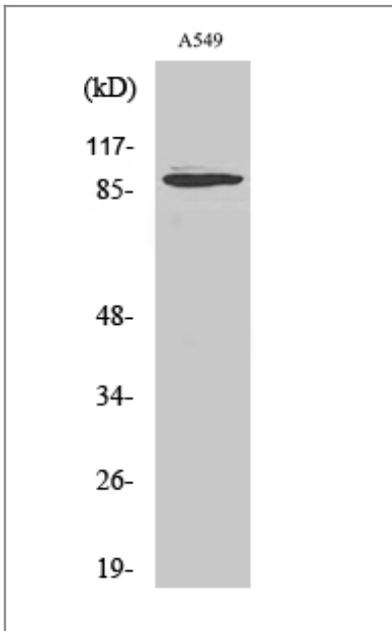
Tissue specificity Ubiquitously expressed in all adult tissues examined, with high levels in skeletal muscle and heart. Also expressed in fetal brain, lung, liver and kidney.

Function 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.,miscellaneous:This gene has been shown to be extensively edited in the liver of APOBEC1 transgenic animal model. Its aberrant editing could contribute to the potent oncogenesis induced by overexpression of APOBEC1. The aberrant edited sequence, called NAT1, is likely to be a fundamental translational repressor.,PTM:Phosphorylation; hyperphosphorylated during mitosis.,similarity:Belongs to the eIF4G family.,similarity:Contains 1 MI domain.,similarity:Contains 1 MIF4G domain.,similarity:Contains 1 W2 domain.,subunit:Interacts with the serine/threonine protein kinases MKNK1 and MKNK2. Binds EIF4A and EIF3. Interacts with MIF4GD.,tissue specificity:Ubiquitously expressed in all adult tissues examined, with high levels in skeletal muscle and heart. Also expressed in fetal brain, lung, liver and kidney.,

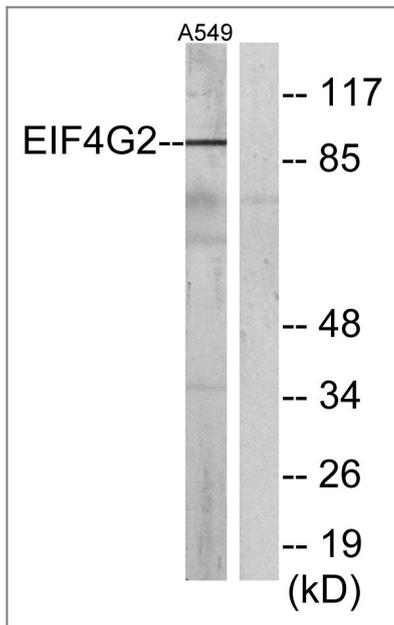
| Validation Data



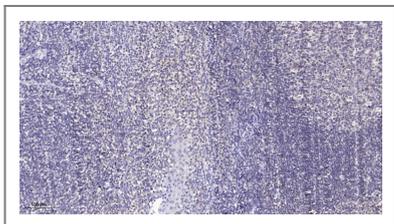
Western Blot analysis of various cells using DAP-5 Polyclonal Antibody



Western Blot analysis of A549 cells using DAP-5 Polyclonal Antibody



Western blot analysis of lysates from A549 cells, using EIF4G2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

Contact information

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Please scan the QR code to access additional product information:
DAP-5 Rabbit pAb

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