

## 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.

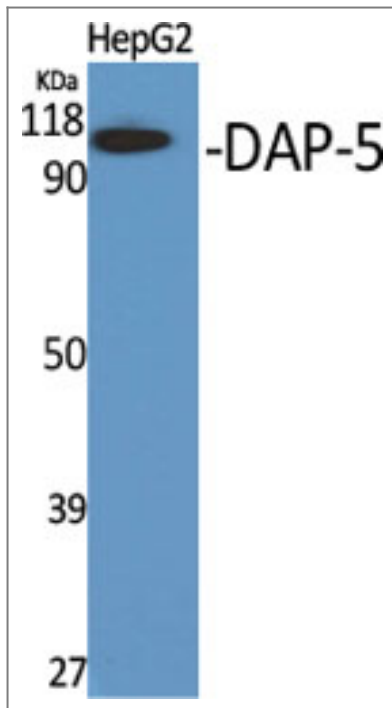
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## | Target Information

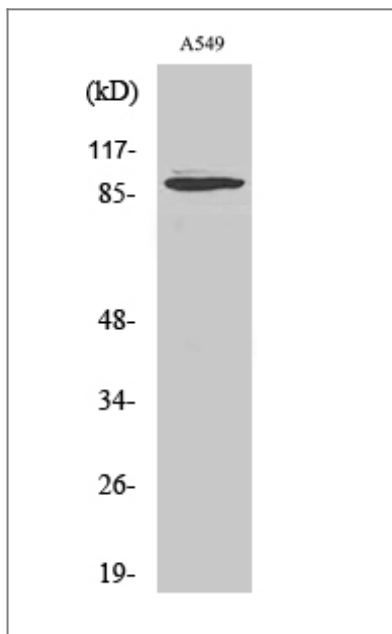
Gene name	EIF4G2		
Protein Name	Eukaryotic translation initiation factor 4 gamma 2		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">1982</a> ;	<a href="#">P78344</a> ;
	Mouse	<a href="#">13690</a> ;	<a href="#">Q62448</a> ;
Cellular Localization	cytosol,cell-cell adherens junction,membrane,eukaryotic 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.,		

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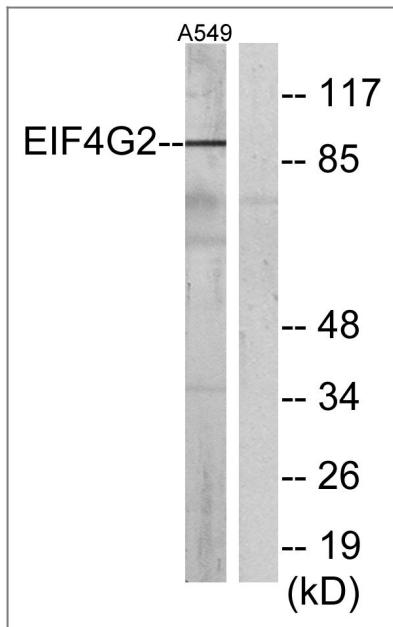
## | Validation Data



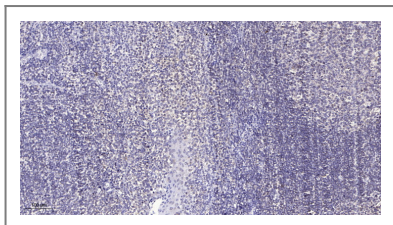
Western Blot analysis of various cells using DAP-5 Polyclonal Antibody



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

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
 Support: [tech@immunoway.com](mailto:tech@immunoway.com)  
 Telephone: 877-594-3616 (Toll Free), 408-747-0185  
 Website: <http://www.immunoway.com>  
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)