

## AKAP 250 Rabbit pAb

CatalogNo: YT0166

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- IHC, IF, ELISA

#### MW

- 191kD (Calculated)

#### Isotype

- IgG

### 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.

### Recommended Dilution Ratios

**IHC 1:100-1:300**

**IF 1:200-1:1000**

**ELISA 1:20000**

**Not yet tested in other applications.**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human AKAP12. AA range:301-350

**Specificity** AKAP 250 Polyclonal Antibody detects endogenous levels of AKAP 250 protein.

### Target Information

**Gene name** AKAP12

**Protein Name** A-kinase anchor protein 12

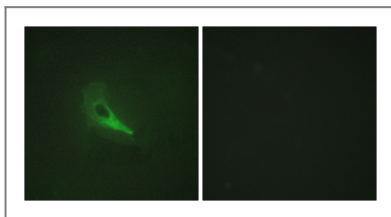
Organism	Gene ID	UniProt ID
Human	<a href="#">9590</a> ;	<a href="#">Q02952</a> ;
Mouse		<a href="#">Q9WTQ5</a> ;

**Cellular Localization** Cytoplasm, cell cortex . Cytoplasm, cytoskeleton . Membrane ; Lipid-anchor . May be part of the cortical cytoskeleton.

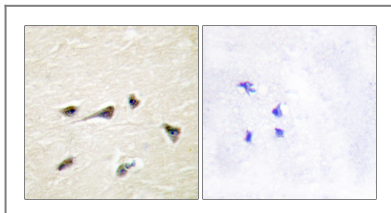
**Tissue specificity** Expressed in endothelial cells, cultured fibroblasts and osteosarcoma, but not in platelets, leukocytes, monocytic cell lines or peripheral blood cells.

**Function** Caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,Disease:Antibodies to the C-terminal of gravin can be produced by patients with myasthenia gravis (MG).,Domain:Polybasic regions located between residues 266 and 557 are involved in binding PKC.,Function:Anchoring protein that mediates the subcellular compartmentation of protein kinase A (PKA) and protein kinase C (PKC).,induction:Activated by lysophosphatidylcholine (lysoPC).,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 3 AKAP domains.,subcellular location:May be part of the cortical cytoskeleton.,subunit:Binds to dimeric RII-alpha regulatory subunit of PKC.,tissue specificity:Expressed in endothelial cells, cultured fibroblasts and osteosarcoma, but not in platelets, leukocytes, monocytic cell lines or peripheral blood cells.,

## Validation Data



Immunofluorescence analysis of HeLa cells, using AKAP12 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using AKAP12 Antibody. The picture on the right is blocked with the synthesized peptide.

## Contact information

Orders: order.cn@immunoway.com  
Support: support.cn@immunoway.com  
Telephone: 400-8787-807(China)  
Website: http://www.immunoway.com.cn  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code  
to access additional  
product information:  
**AKAP 250 Rabbit  
pAb**

---

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

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