

AKAP12 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2237a**Specification**

AKAP12 Antibody (C-Term) - Product Information

Application	WB
Primary Accession	Q02952
Other Accession	NP_005091.2 , NP_653080.1 , 9590
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	191482

AKAP12 Antibody (C-Term) - Additional Information**Gene ID** 9590**Other Names**

A-kinase anchor protein 12, AKAP-12, A-kinase anchor protein 250 kDa, AKAP 250, Gravin, Myasthenia gravis autoantigen, AKAP12, AKAP250

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

AKAP12 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

AKAP12 Antibody (C-Term) - Protein Information**Name** AKAP12**Synonyms** AKAP250**Function**

Anchoring protein that mediates the subcellular compartmentation of protein kinase A (PKA) and protein kinase C (PKC).

Cellular Location

Cytoplasm, cell cortex. Cytoplasm, cytoskeleton. Membrane; Lipid-anchor. Note=May be part of

the cortical cytoskeleton

Tissue Location

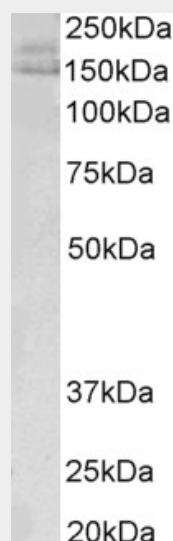
Expressed in endothelial cells, cultured fibroblasts and osteosarcoma, but not in platelets, leukocytes, monocytic cell lines or peripheral blood cells

AKAP12 Antibody (C-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](#)

AKAP12 Antibody (C-Term) - Images



AF2237a(0.02 µg/ml) staining of Human Uterus lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

AKAP12 Antibody (C-Term) - Background

This antibody is expected to recognize both reported isoforms.

AKAP12 Antibody (C-Term) - References

Gravin, an autoantigen recognized by serum from myasthenia gravis patients, is a kinase scaffold protein. Nauert JB, Klauck TM, Langeberg LK, Scott JD. Curr Biol. 1997 Jan 1;7(1):52-62. PMID: 9000000