

GKAP Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO1588a

Product Information

Application	WB, IHC, ICC, E
Primary Accession	O14490
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	3G4
Isotype	IgG1
Calculated MW	108873
Description	Function: Part of the postsynaptic scaffold in neuronal cells. Tissue specificity: Expressed in brain.
Immunogen	Purified recombinant fragment of human GKAP expressed in E. Coli.
Formulation	Ascitic fluid containing 0.03% sodium azide.

Additional Information

Gene ID	9229
Other Names	Disks large-associated protein 1, DAP-1, Guanylate kinase-associated protein, hGKAP, PSD-95/SAP90-binding protein 1, SAP90/PSD-95-associated protein 1, SAPAP1, DLGAP1, DAP1, GKAP
Dilution	WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 ICC~~N/A E~~1/10000
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	GKAP Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DLGAP1
Synonyms	DAP1, GKAP
Function	Part of the postsynaptic scaffold in neuronal cells.

Cellular Location

Cell membrane; Peripheral membrane protein. Postsynaptic density. Synapse

Tissue Location

Expressed in brain.

References

1. Am J Hum Genet. 2009 Nov;85(5):628-42. 2. Genes Immun. 2010 Apr;11(3):232-8.

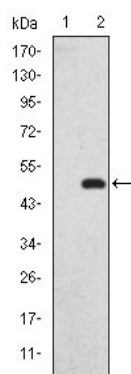
Images

Figure 1: Western blot analysis using GKAP mAb against HEK293 (1) and GKAP(AA: 490-663)-hIgGfc transfected HEK293 (2) cell lysate.

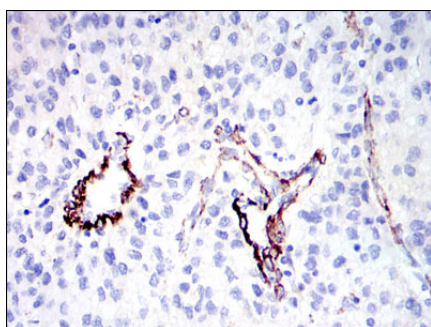


Figure 2: Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using GKAP mouse mAb with DAB staining.

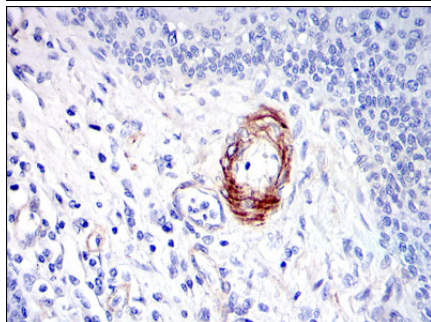


Figure 3: Immunohistochemical analysis of paraffin-embedded human esophagus tissues using GKAP mouse mAb with DAB staining.

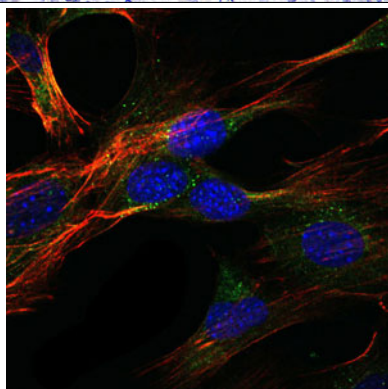


Figure 4: Immunofluorescence analysis of NIH/3T3 cells using GKAP mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

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