

Product datasheet for **AM06651SU-N**

DLGAP1 Mouse Monoclonal Antibody [Clone ID: 3G4]

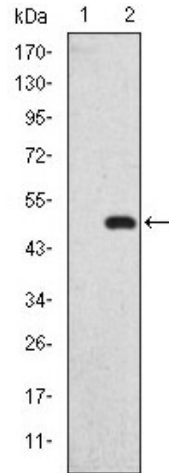
Product data:

Product Type:	Primary Antibodies
Clone Name:	3G4
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	Western Blot: 1/500 - 1/2000. Immunohistochemistry on paraffin sections: 1/200 - 1/1000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human GKAP expressed in E. Coli.
Specificity:	This antibody reacts to GKAP.
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% sodium azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	109 kDa
Gene Name:	DLG associated protein 1
Database Link:	Entrez Gene 9229 Human O14490
Background:	Function: Part of the postsynaptic scaffold in neuronal cells. Tissue specificity: Expressed in brain.
Synonyms:	DAP1, DAP-1, GKAP

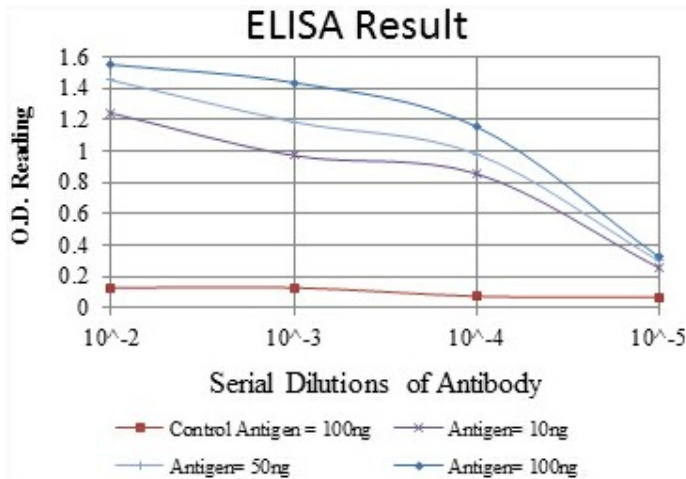


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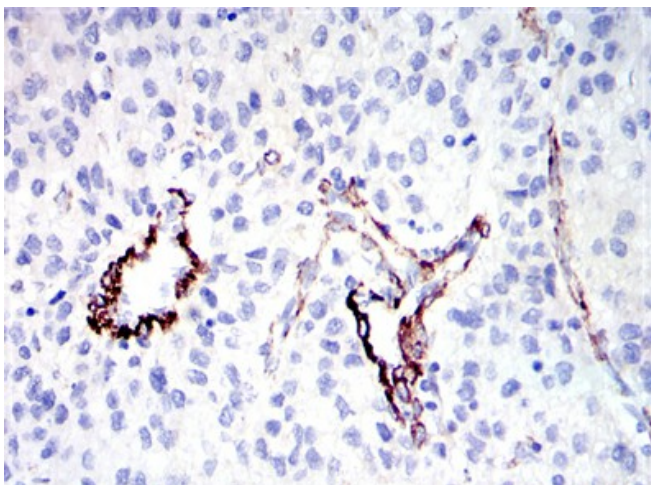
Product images:



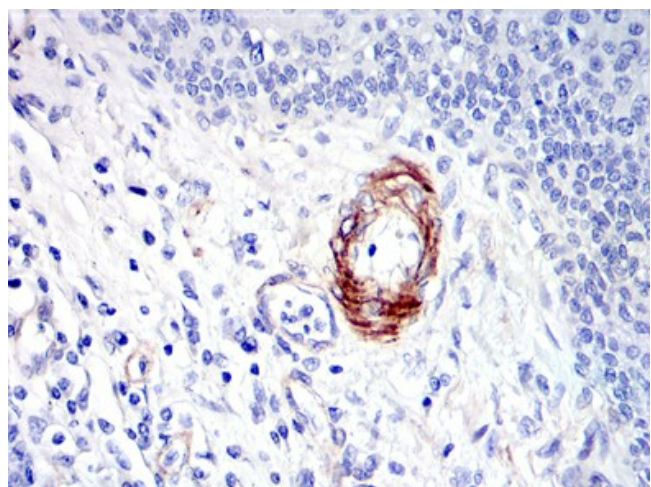
Western blot analysis using GKAP mAb against HEK293 (1) and GKAP (AA: 490-663)-hlgGfc transfected HEK293 (2) cell lysate.



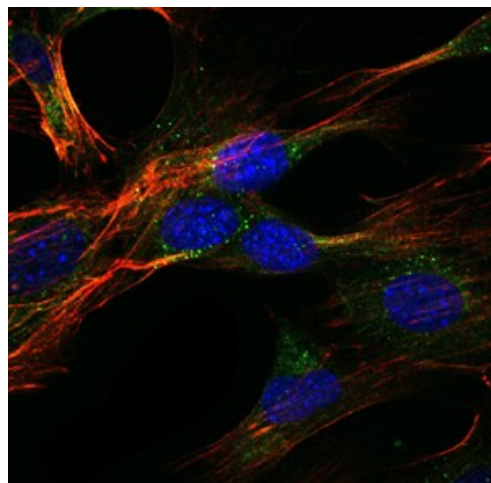
Red: Control Antigen (100ng) Purple: Antigen (10ng) Green: Antigen (50ng) Blue: Antigen (100ng)



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



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



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.