

## SAPAP1 Monoclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA1121
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	50ul, 100ul
<b>Immunogen</b>	Purified recombinant fragment of human SAPAP1 expressed in E. Coli.
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB, IHC-p, IF, ICC, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Disks large-associated protein 1
<b>Synonyms</b>	DLGAP1; DAP1; GKAP; 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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

Part of the postsynaptic scaffold in neuronal cells.,similarity:Belongs to the SAPAP family.,subcellular location:Found in postsynaptic density of neuronal cells.,subunit:Interacts with guanylate kinase-like domain of DLG1, DLG2, DLG3, DLG4 and AIP1. Interacts with the PDZ domain of SHANK1, SHANK2 and SHANK3. Found in a complex with DLG4 and SHANK1, SHANK2 or SHANK3. Found in a complex with DLG4 and BEGAIN. Interacts with DYL2 and LRFN1.,tissue specificity:Expressed in brain.,

### Recommended Dilution

ELISA: 1:10000

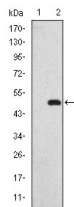
IF: 1:200 - 1:1000

IHC: 1:200 - 1:1000

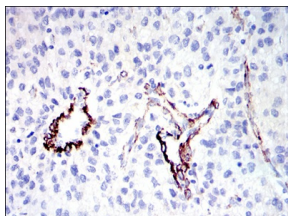
WB: 1:500 - 1:2000

Not yet tested in other applications.

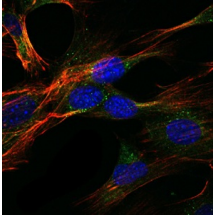
### Images



Western Blot analysis using SAPAP1 Monoclonal antibody against HEK293 (1) and GKAP-hlgGfc transfected HEK293 (2) cell lysate.



Immunohistochemistry analysis of paraffin-embedded human liver cancer tissues with DAB staining using SAPAP1 Monoclonal antibody.



Immunofluorescence analysis of NIH/3T3 cells using SAPAP1 Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

### Storage

-20°C for one year

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