

# Product Datasheet

## SAP102 Antibody (S19-2) NBP1-21672

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-21672**

SAP102 Antibody (S19-2)

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	S19-2
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS (pH 7.4), 50% Glycerol

**Product Description**

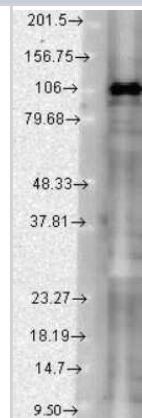
<b>Host</b>	Mouse
<b>Gene ID</b>	1741
<b>Gene Symbol</b>	DLG3
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	Detects approx 105kDa. No cross-reactivity against PSD95, SAP97 or Chapsyn-110.
<b>Immunogen</b>	Fusion protein amino acids 1-120 of rat SAP102

**Product Application Details**

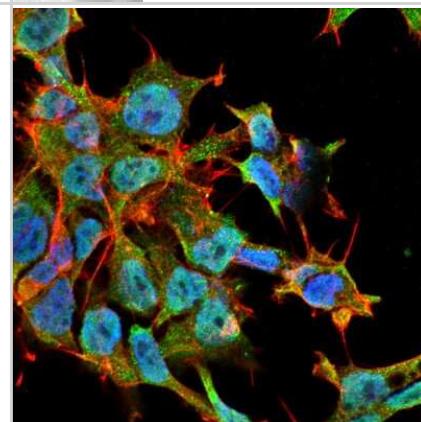
<b>Applications</b>	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Microarray
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Microarray
<b>Application Notes</b>	1 ug/ml was sufficient for detection of Sap102 in 10 ug of rat brain lysate by colorimetric immunoblot analysis using Goat Anti-Mouse IgG:HRP as the secondary.

## Images

Western Blot: SAP102 Antibody (S19-2) [NBP1-21672] - Rat brain extract



Immunocytochemistry/Immunofluorescence: SAP102 Antibody (S19-2) [NBP1-21672] - analysis using Mouse Anti-SAP102 Monoclonal Antibody, Clone S19-2. Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-SAP102 Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Cytoplasm. Magnification: 60X.



## Publications

Lecointre M, Vezier C, Benard M et al. Age-dependent alterations of the NMDA receptor developmental profile and adult behavior in postnatally ketamine-treated mice. Dev Neurobiol. 2014-09-13 [PMID: 25220981]



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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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