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GOAT ANTI-NSG2 (MOUSE, C TERMINUS) ANTIBODY

SKU: EB12967

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SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	protein p19|protein 8.5|neuron specific gene family member 2|Nsg2
Usage Summary	Immunocytochemistry: This antibody has been successfully used in ICC on Rat: Chan Choo Yap et al. (2022) PMID: 35474277.
Accession ID	NP_032767.1
Blocking Peptide	EBP12967
Immunogen	Peptide with sequence C-HEPKPPKTQGH, from the C Terminus of the protein sequence according to NP_032767.1.
Product Comments	Reported variants represent identical protein: NP_001277610.1, NP_001277609.1, NP_032767.1
Peptide Sequence	C-HEPKPPKTQGH
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Mouse
Reactive Species	Mouse, Rat
Mouse Gene ID	18197
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 19kDa band observed in Mouse fetal Brain lysates (calculated MW of 19.0kDa according to NP_032767.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. This antibody has been successfully used in WB on Rat: Chan Choo Yap et al. (2017) PMID: 28874679.
Application Type	Pep-ELISA, WB, ICC

SELECTED REFERENCES

[{"pmid": 28874679, "intro": "**This antibody has been successfully used in Western blot on Rat:**", "title": "The endosomal neuronal proteins Nsg1/NEEP21 and Nsg2/P19 are itinerant, not resident proteins of dendritic endosomes.", "author": "Chan Choo Yap, Laura Digilio, Lloyd McMahon & Bettina Winckler", "journal": "Scientific Reports, 7: 10481, DOI: 10.1038/s41598-017-07667-x (2017)"}, {"pmid": 35474277, "intro": "**This antibody has been successfully used in ICC on Rat:**", "title": "Dynein is required for Rab7-dependent endosome maturation, retrograde dendritic transport, and degradation", "author": "Chan Choo Yap, Laura Digilio, Lloyd P McMahon, Tuanlao Wang, Bettina Winckler", "journal": "J Neurosci. 2022 Apr 26;JN-RM-2530-21."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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