

Datasheet for ABIN5539930  
**anti-NSG2 antibody (C-Term)**[Go to Product page](#)

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## Overview

Quantity:	100 µg
Target:	NSG2 (HMP19)
Binding Specificity:	C-Term
Reactivity:	Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NSG2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunocytochemistry (ICC)

## Product Details

Purpose:	Nsg2 (mouse, C terminus)
Sequence:	HEPKPPKTQG H
Isotype:	IgG
Specificity:	Reported variants represent identical protein: NP_001277610.1, NP_001277609.1, NP_032767.1
Cross-Reactivity:	Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	NSG2 (HMP19)
Alternative Name:	Nsg2 ( <a href="#">HMP19 Products</a> )
Background:	Nsg2, neuron specific gene family member 2, protein 8.5, protein p19
Gene ID:	18197
NCBI Accession:	<a href="#">NP_032767</a>

## Application Details

Application Notes:	Western Blot: Approx 19 kDa band observed in Mouse fetal Brain lysates (calculated MW of 19.0 kDa according to NP_032767.1). Recommended concentration: 0.1-0.3 µg/mL. Primary incubation was 1 hour. This antibody has been successfully used in WB on Rat: Chan Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	<b>Immunocytochemistry:</b> This antibody has been successfully used in ICC on Rat: Chan Choo Yap et al. (2022) PMID: 35474277.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

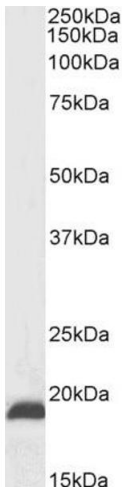
## Publications

Product cited in:	Yap, Digilio, McMahon, Garcia, Winckler: "Degradation of dendritic cargos requires Rab7-
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dependent transport to somatic lysosomes." in: **The Journal of cell biology**, Vol. 217, Issue 9, pp. 3141-3159, (2019) ([PubMed](#)).

Yap, Digilio, McMahon, Winckler: "The endosomal neuronal proteins Nsg1/NEEP21 and Nsg2/P19 are itinerant, not resident proteins of dendritic endosomes." in: **Scientific reports**, Vol. 7, Issue 1, pp. 10481, (2019) ([PubMed](#)).

Images



**Western Blotting**

**Image 1.** ABIN5539930 (0.1µg/ml) staining of Mouse fetal Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.