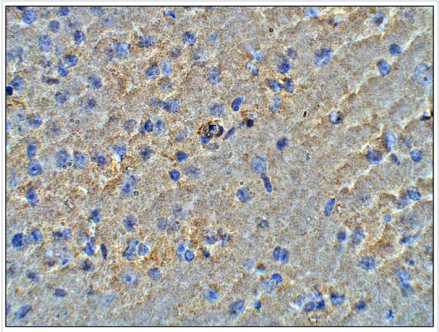
NSG2 Antibody – Rabbit Polyclonal

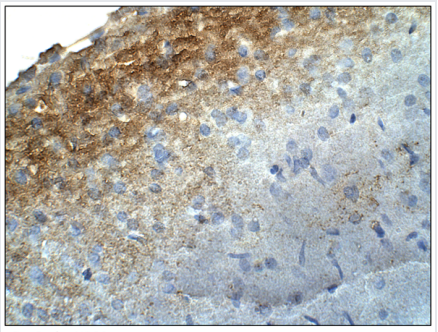
PRODUCT OVERVIEW

Product Name	NSG2, Polyclonal Antibody
Full Product Name	NSG2 Antibody
Product Gene Name	anti-NSG2 antibody
Product Synonym Names	Affinity Purified Neuron-specific protein family member 2 Antibody; HMP19 antibody; Neuron-specific protein family member 2 antibody; Nsg2 antibody; NSG2_HUMAN antibody; Protein p19 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Immobilized antigen affinity chromatography
Concentration	0.5-1.5 ug/ul in antibody stabilization buffer (lot specific)
Preparation and Storage	Store at -20 degree C for long term storage.
Molecular Weight	19,085 Da
3D Structure	ModBase 3D Structure for Q9Y328
Immunogen	Synthetic peptide taken within amino acid region 130-171 on human Neuron-specific protein family member 2.
Conjugation	Unconjugated
Molecular Function	Clathrin coat assembly; Dopamine receptor signaling pathway; Endosomal transport
Subcellular Location	Cytoplasmic vessicle membrane; Golgi apparatus; Endosome
Product Categories/Family for anti-NSG2 antibody	Primary Antibodies; Neuroscience; Neurotransmission; Dopamine Receptors; NSG2 Antibody
Applications Tested/Suitable for anti-NSG2 antibody	ELISA (EIA), Immunohistochemistry (IHC), Immunoprecipitation (IP), Western Blot (WB), Immunocytochemistry (ICC)
Application Notes for anti-NSG2 antibody	ELISA: 1:10,000 ICC: 1:50-1:150 IHC: 1:50-1:150 IP: 1:200 WB: 1:500
Related Product Information for anti-NSG2 antibody	MBS5400561 is an antibody targeting NSG2. Also known as NSG2 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit. Overview: Clathrin light chain binding Structure: Belongs to the NSG family
Other Notes	Small volumes of anti-NSG2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Mouse Brain- NSG2
Primary Antibody: 1:50 dilution in IHC Blocking Buffer.
DAB (brown) staining and Hematoxylin QS (blue) counterstain.
40X magnification. FFPE section.

Immunohistochemistry (IHC) of anti-NSG2 antibody



Rat Brain- NSG2
Primary Antibody: 1:50 dilution in IHC Blocking Buffer.
DAB (brown) staining and Hematoxylin QS (blue) counterstain.
40X magnification. FFPE section.

Immunohistochemistry (IHC) of anti-NSG2 antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NSG2. It may not necessarily be applicable to this product.

NCBI GI #	7706284
NCBI GeneID	51617
NCBI Accession #	NP_057064.1
UniProt Primary Accession #	Q9Y328
UniProt Secondary Accession #	Q9UHX8; B2R5Y0; D3DQN0
UniProt Related Accession #	Q9Y328
GenBank Nucleotide #	NM_015980.4
NCBI Official Full Name	neuronal vesicle trafficking-associated protein 2
NCBI Official Synonym Full Names	neuronal vesicle trafficking associated 2
NCBI Official Symbol	NSG2
NCBI Official Synonym Symbols	CALY3; HMP19
UniProt Protein Name	Neuronal vesicle trafficking-associated protein 2
UniProt Synonym Protein Names	Neuron-specific protein family member 2
Protein Family	Neuron-specific protein family
UniProt Gene Name	NSG2
UniProt Synonym Gene Names	Hmp19
NCBI Protein Information	neuronal vesicle trafficking-associated protein 2
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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