

Rabbit NEEP21 Polyclonal Antibody | anti-NSG1 antibody

NEEP21 Polyclonal Antibody

CATALOG # AAA295339	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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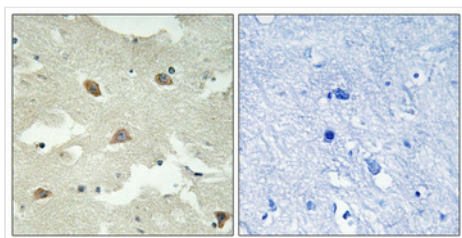
PRODUCT SYNONYMS

NEEP21; Polyclonal Antibody; NEEP21 Polyclonal Antibody; NSG1; D4S234; Neuron-specific protein family member 1; Brain neuron cytoplasmic protein 1; anti-NSG1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-NSG1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

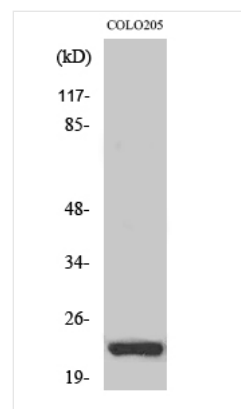
IMAGES



IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000.

Not yet tested in other applications.



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000.

Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-NSG1 antibody

Plays a role in the recycling mechanism in neurons of multiple receptors, including AMPAR, APP and L1CAM and acts at the level of early endosomes to promote sorting of receptors toward a recycling pathway. Regulates sorting and recycling of GRIA2 through interaction with GRIP1 and then contributes to the regulation of synaptic transmission and plasticity by affecting the recycling and targeting of AMPA receptors to the synapse (By similarity). Is required for faithful sorting of L1CAM to axons by facilitating trafficking from somatodendritic early endosome or the recycling endosome (By similarity). In an other hand, induces apoptosis via the activation of CASP3 in response to DNA damage (PubMed:20878061).

NCBI AND UNIPROT INFORMATION

NCBI GI #	91932788
NCBI GeneID	27065
NCBI Accession #	NP_001035190.1
NCBI GenBank Nucleotide #	NM_001040101.1
UniProt Accession #	P42857; Q49AQ1
Molecular Weight	20,913 Da
NCBI Official Full Name	neuron-specific protein family member 1
NCBI Official Symbol	NSG1
NCBI Official Synonym Symbols	P21; D4S234; NEEP21; D4S234E
NCBI Protein Information	neuron-specific protein family member 1; brain neuron cytoplasmic protein 1; carboxyterminally EE-tagged neuron-enriched endosomal 21 kDa protein
UniProt Protein Name	Neuron-specific protein family member 1
UniProt Gene Name	NSG1
UniProt Synonym Gene Names	D4S234
UniProt Entry Name	NSG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/neep21-antibody-immunohistochemistry-western-blot-elisa/295339>