

Datasheet for ABIN7599034
anti-NSG1 antibody (AA 1-176)



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Overview

Quantity:	100 µg
Target:	NSG1 (D4S234E)
Binding Specificity:	AA 1-176
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NSG1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-NSG1 Antibody Picoband®
Immunogen:	E.coli-derived human NSG1 recombinant protein (Position: M1-Q176).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-NSG1 Antibody Picoband® (ABIN7599034). Tested in ELISA, IHC, WB, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	NSG1 (D4S234E)
Alternative Name:	NSG1 (D4S234E Products)
Background:	Synonyms: Negative elongation factor B, NELF-B, Cofactor of BRCA1, NELFB, COBRA1, KIAA1182 Tissue Specificity: Widely expressed. Expressed in heart, brain, lung, placenta, liver, skeletal muscle, kidney and pancreas. Background: NSG1, also known as Neuron-specific protein family member 1, contains an N-terminal nuclear localization motif and a central hydrophobic segment. NSG1 localizes to the nucleus in mitotic neuronal cell cultures and to the cytoplasm in postmitotic neurons. Mouse and human NSG1 share 97 % sequence identity and they differs from each other by only 5 amino acid residues. The protein is expressed in all regions of rat brain. In hamster, it was preferentially expressed in adult brain. GenScript Rabbit Anti-NSG1 Polyclonal Antibody is developed in rabbit using purified His-tagged human NSG1 full length recombinant protein.
Molecular Weight:	21 kDa
Gene ID:	27065
UniProt:	P42857

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry, 2-5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Carlock, L., Vo, T., Lorincz, M., Walker, P. D., Bessert, D., Wisniewski, D., Dunbar, J. C. Variable subcellular localization of a neuron-specific protein during NTera 2 differentiation into post-mitotic human neurons. Molec. Brain Res. 42: 202-212, 1996. 2. Carlock, L., Wisniewski, D., Lorincz, M., Pandrangi, A., Vo, T. An estimate of the number of genes in the Huntington disease gene region and the identification of 13 transcripts in the 4p16.3 segment. Genomics 13: 1108-1118, 1992.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
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Handling

Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.