



Rabbit Anti-NSG2 antibody

SL12036R

Product Name:	NSG2
Chinese Name:	神经元特异性蛋白家族成员2抗体
Alias:	HMP19; HMP 19; Neuron-specific protein family member 2; Nsg2; NSG2_HUMAN; Protein p19.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	19kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NSG2/HMP19:31-140/171
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	With 181 million base pairs encoding around 1,000 genes, chromosome 5 is about 6% of human genomic DNA. It is associated with Cockayne syndrome through the ERCC8 gene and familial adenomatous polyposis through the adenomatous polyposis coli (APC) tumor suppressor gene. Treacher Collins syndrome is also chromosome 5 associated and is caused by insertions or deletions within the TCOF1 gene. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome. Deletion of 5q or

chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

Subcellular Location:

Cytoplasmic vesicle membrane; Single-pass type II membrane protein. Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein. Endosome, multivesicular body membrane; Single-pass type II membrane protein. Note=Mainly Golgi stack, but also found in small vacuolar organelles and multivesicular bodies

Similarity:

Belongs to the NSG family

SWISS:

Q9Y328

Gene ID:

51617

Database links:

[Entrez Gene: 51617](#) Human

[Entrez Gene: 18197](#) Mouse

[SwissProt: Q9Y328](#) Human

[SwissProt: P47759](#) Mouse

[Unigene: 559412](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.