



## Rabbit Anti-NEU2 antibody

SL19210R

<b>Product Name:</b>	NEU2
<b>Chinese Name:</b>	细胞质唾液酸酶2抗体
<b>Alias:</b>	Cytosolic sialidase; MGC129579; N acetyl alpha neuraminidase 2; N-acetyl-alpha-neuraminidase 2; Neu2; NEUR2_HUMAN; Neuraminidase 2; OTTHUMP00000164374; SIAL2; Sialidase 2; Sialidase-2.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	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.
<b>Molecular weight:</b>	42kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human NEU2:101-200/380
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene belongs to a family of glycohydrolytic enzymes which remove sialic acid residues from glycoproteins and glycolipids. Expression studies in COS7 cells confirmed that this gene encodes a functional sialidase. Its cytosolic localization was demonstrated by cell fractionation experiments. [provided by RefSeq, Jul 2008]

**Function:**

Hydrolyzes sialylated compounds.

**Subcellular Location:**

Cytoplasm.

**Tissue Specificity:**

Expressed in skeletal muscle, fetal liver and embryonic carcinoma cell line NT2D1.

**Similarity:**

Belongs to the glycosyl hydrolase 33 family.

Contains 2 BNR repeats.

**SWISS:**

Q9Y3R4

**Gene ID:**

4759

**Database links:**

[Entrez Gene: 4759](#) Human

[SwissProt: Q9Y3R4](#) Human

[Unigene: 532681](#) Human

**Important Note:**

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