

Datasheet for ABIN2774018

anti-Sialidase 4 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Sialidase 4 (NEU4)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sialidase 4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NEU4
Sequence:	TGTVLFFIA VLGHTPEAVQ IATGRNAARL CCVASRDAGL SWGSARDLTE
Predicted Reactivity:	Guinea Pig: 93%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against NEU4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Sialidase 4 (NEU4)
Alternative Name:	NEU4 (NEU4 Products)

Target Details

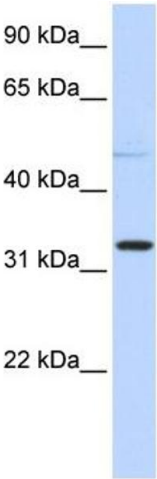
Background:	NEU4 belongs to a family of glycohydrolytic enzymes which remove sialic acid residues from glycoproteins and glycolipids. This gene belongs to a family of glycohydrolytic enzymes which remove sialic acid residues from glycoproteins and glycolipids. Alias Symbols: MGC102757, MGC18222 Protein Interaction Partner: RHOXF2, RBPMS, TRIP6, TCF4, PSMA3, MDFI, AP2B1, Dlg4, PLSCR1, Protein Size: 496
Molecular Weight:	53 kDa
Gene ID:	129807
NCBI Accession:	NM_080741 , NP_542779
UniProt:	Q3KR05

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 496 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-NEU4 Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: 293T cell lysate