

Rabbit NEU1 Polyclonal Antibody | anti-NEU1 antibody

NEU1 antibody - middle region

CATALOG # AAA199417	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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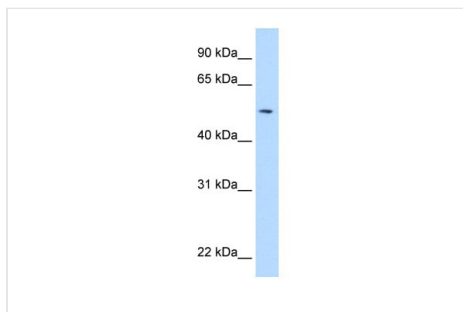
PRODUCT SYNONYMS

NEU1; Polyclonal Antibody; NEU1 antibody - middle region; anti-NEU1 antibody

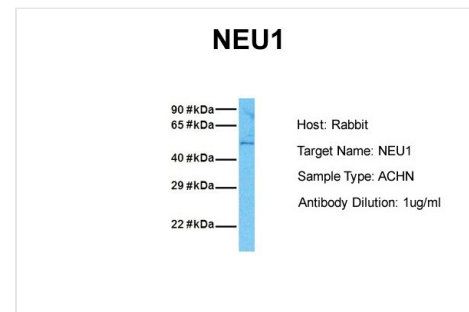
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VW SKDDGVSWST PRNLSLDIGT EVFAPGPGSG IQKQREPRKG RLIVCGHG
Sequence Length	415
Applicable Applications for anti-NEU1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 79%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human NEU1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

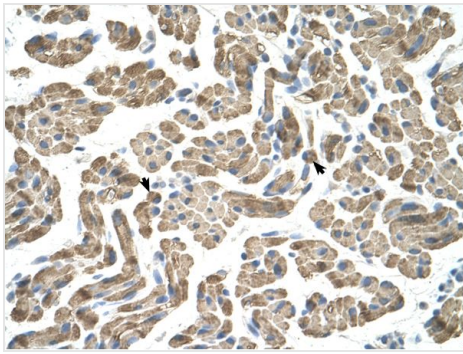
IMAGES


WB (Western Blot)

WB Suggested Anti-NEU1 Antibody Titration: 5.0ug/ml Positive Control: Fetal Pancreas cell lysate


WB (Western Blot)

Host: Rabbit Target Name: NEU1 Sample Tissue: Human ACHN Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)
Human Muscle

ADDITIONAL INFORMATION

Related Product Information for anti-NEU1 antibody	This is a rabbit polyclonal antibody against NEU1. It was validated on Western Blot and immunohistochemistry Target Description: NEU1 is a lysosomal enzyme, which cleaves terminal sialic acid residues from substrates such as glycoproteins and glycolipids. In the lysosome, this enzyme is part of a heterotrimeric complex together with beta-galactosidase and cathepsin A. Mutations in NEU1 gene can lead to sialidosis. The protein encoded by this gene encodes the lysosomal enzyme, which cleaves terminal sialic acid residues from substrates such as glycoproteins and glycolipids. In the lysosome, this enzyme is part of a heterotrimeric complex together with beta-galactosidase and cathepsin A (the latter also referred to as 'protective protein'). Mutations in this gene can lead to sialidosis.
Product Categories/Family for anti-NEU1 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Drugs and Drug Metabolism; Developmental Biology; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557791
NCBI GeneID	4758
NCBI Accession #	NP_000425
NCBI GenBank Nucleotide #	NM_000434
UniProt Accession #	Q99519
Molecular Weight	45kDa
NCBI Official Full Name	sialidase-1
NCBI Official Synonym Full Names	neuraminidase 1
NCBI Official Symbol	NEU1
NCBI Official Synonym Symbols	NEU; NANH; SIAL1
NCBI Protein Information	sialidase-1
UniProt Protein Name	Sialidase-1
UniProt Gene Name	NEU1
UniProt Synonym Gene Names	NANH
UniProt Entry Name	NEUR1_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.

