

Rabbit anti-Human, mouse NEU4 Polyclonal Antibody | anti-NEU4 antibody

NEU4 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285481	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

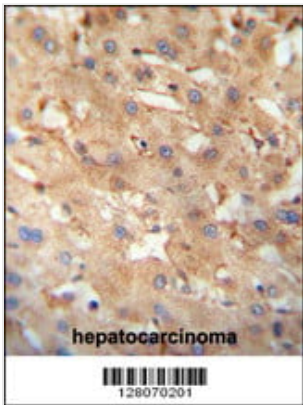
PRODUCT SYNONYMS

NEU4; Polyclonal Antibody; NEU4 Antibody (C-term); Sialidase-4; N-acetyl-alpha-neuraminidase 4; anti-NEU4 antibody

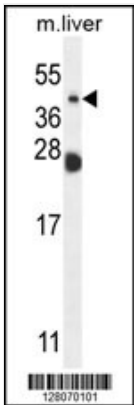
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NEU4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 423-452 amino acids from the C-terminal region of human NEU4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	423-452
Sequence Length	497
Applicable Applications for anti-NEU4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
NEU4 antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the NEU4 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
NEU4 Antibody (C-term) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the NEU4 antibody detected the NEU4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-NEU4 antibody	The protein encoded by this gene belongs to a family of glycohydrolytic enzymes, which remove terminal sialic acid residues from various sialo derivatives, such as glycoproteins, glycolipids, oligosaccharides, and gangliosides. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.
Product Categories/Family for anti-NEU4 antibody	Cell Biology; Neuroscience; Signal Transduction
References	Bigi, A., et al. Glycobiology 20(2):148-157(2010) Xin, X., et al. Genome Res. 19(7):1262-1269(2009) Miyagi, T., et al. Proteomics 8(16):3303-3311(2008) Stamatos, N.M., et al. FEBS J. 272(10):2545-2556(2005) Hillier, L.W., et al. Nature 434(7034):724-731(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	262527263
NCBI GeneID	129807
NCBI Accession #	NP_001161071.1; NP_001161072.1; NP_001161073.1; NP_001161074.1; NP_542779.2
NCBI GenBank Nucleotide #	NM_001167599.2
UniProt Accession #	Q8WWR8; Q96D64; A8K056; J3KNJ5
Molecular Weight	51572
NCBI Official Full Name	sialidase-4 isoform 2
NCBI Official Synonym Full Names	sialidase 4
NCBI Official Symbol	NEU4
NCBI Protein Information	sialidase-4
UniProt Protein Name	Sialidase-4
UniProt Gene Name	NEU4

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/neu4-antibody-immunohistochemistry-western-blot-elisa/285481>