

Datasheet for ABIN654343
anti-Sialidase 4 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	Sialidase 4 (NEU4)
Binding Specificity:	AA 423-452, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sialidase 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB28070
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Sialidase 4 (NEU4)
Alternative Name:	NEU4 (NEU4 Products)
Background:	The protein encoded by this gene belongs to a family of glycohydrolytic enzymes, which

Target Details

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.

Molecular Weight: 51572

Gene ID: 129807

NCBI Accession: [NP_001161071](#), [NP_001161072](#), [NP_001161073](#), [NP_001161074](#), [NP_542779](#)

UniProt: [Q8WWR8](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

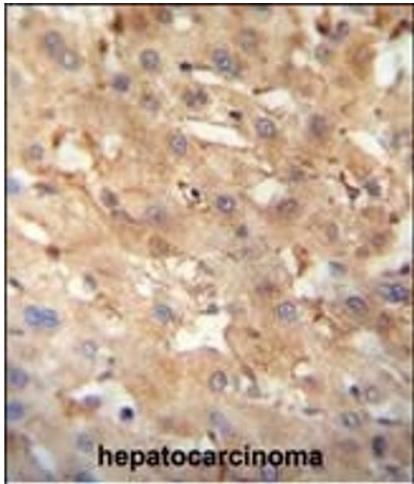
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

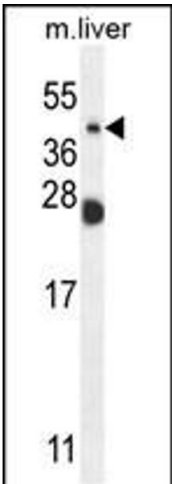
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. NEU4 antibody (C-term) (ABIN654343 and ABIN2844112) 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.



Western Blotting

Image 2. NEU4 Antibody (C-term) (ABIN654343 and ABIN2844112) western blot analysis in mouse liver tissue lysates (35 µg/lane). This demonstrates the NEU4 antibody detected the NEU4 protein (arrow).