

Product datasheet for **AP52856PU-N**

NEU4 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Immunohistochemistry on Paraffin Sections: 1/50-1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 430-461 amino acids from the C-terminal region of Human Sialidase-4
Specificity:	This antibody recognizes Human and Mouse Sialidase-4 (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	neuraminidase 4 (sialidase)
Database Link:	Entrez Gene 241159 Mouse Entrez Gene 129807 Human Q8WWR8
Background:	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.



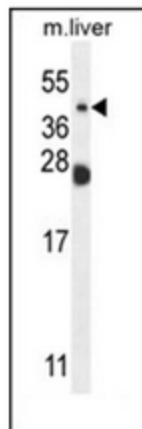
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Synonyms: NEU4, LP5125, N-acetyl-alpha-neuraminidase 4

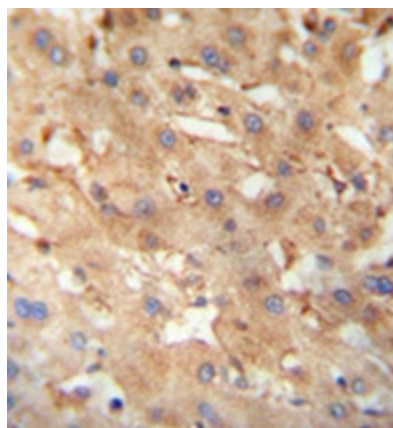
Note: **Molecular Weight:** 51572 Da

Protein Pathways: Other glycan degradation, Sphingolipid metabolism

Product images:



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



Immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma reacted with NEU4 Antibody (C-term), which was peroxidase conjugated to the secondary antibody and followed by DAB staining. This data demonstrates the use of the NEU4 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.