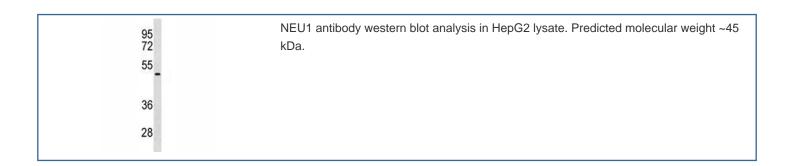


NEU1 Antibody (F47706)

Catalog No.	Formulation	Size
F47706-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47706-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q99519
Applications	Western Blot : 1:1000
Limitations	This NEU1 antibody is available for research use only.



Description

The protein encoded by this gene is a lysosomal enzyme that 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 is also referred to as 'protective protein'). Mutations in this gene can lead to sialidosis, a lysosomal storage disease that can be type 1 (cherry red spot-myoclonus syndrome or normosomatic type), which is late-onset, or type 2 (the dysmorphic type), which occurs at an earlier age with increased severity.

Application Notes

Titration of the NEU1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 188-214 from the human protein was used as the immunogen for this NEU1 antibody.

Storage

Aliquot the NEU1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.