

**NEU1/Neuraminidase Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP59051****Specification**

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**NEU1/Neuraminidase Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O99519</a>
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45467

**NEU1/Neuraminidase Polyclonal Antibody - Additional Information****Gene ID** 4758**Other Names**

Sialidase-1, 3.2.1.18, Acetylneuraminyl hydrolase, G9 sialidase, Lysosomal sialidase, N-acetyl-alpha-neuraminidase 1, NEU1, NANH

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**NEU1/Neuraminidase Polyclonal Antibody - Protein Information****Name** NEU1**Synonyms** NANH**Function**

Catalyzes the removal of sialic acid (N-acetylneuraminic acid) moieties from glycoproteins and glycolipids. To be active, it is strictly dependent on its presence in the multienzyme complex. Appears to have a preference for alpha 2-3 and alpha 2-6 sialyl linkage.

**Cellular Location**

Lysosome membrane; Peripheral membrane protein; Lumenal side. Lysosome lumen. Cell membrane. Cytoplasmic vesicle Lysosome. Note=Localized not only on the inner side of the lysosomal membrane and in the lysosomal lumen, but also on the plasma membrane and in intracellular vesicles

**Tissue Location**

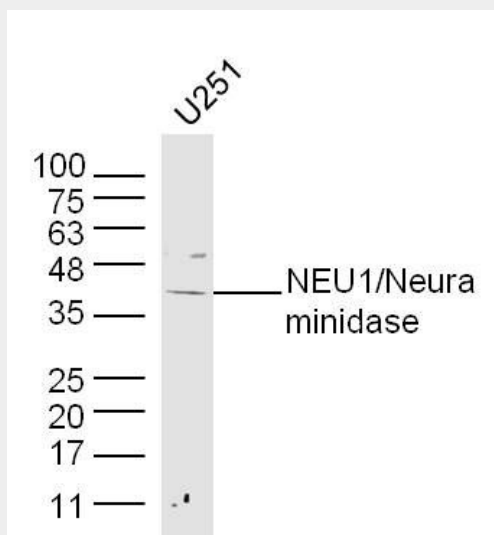
Highly expressed in pancreas, followed by skeletal muscle, kidney, placenta, heart, lung and liver. Weakly expressed in brain.

## NEU1/Neuraminidase Polyclonal Antibody - Protocols

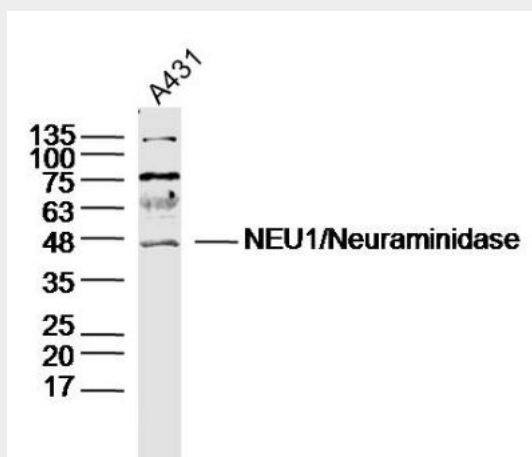
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## NEU1/Neuraminidase Polyclonal Antibody - Images



Sample: U251 (human) cell Lysate at 40 ug  
Primary: Anti-NEU1/Neuraminidase (bs-8624R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 45 kD  
Observed band size: 45 kD



Sample: A431 Cell (Human) Lysate at 40 ug  
Primary: Anti-NEU1/Neuraminidase (bs-8624R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 45kD  
Observed band size: 45kD