

Datasheet for ABIN7160707
anti-NPL antibody (AA 17-77)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	NPL
Binding Specificity:	AA 17-77
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human N-acetylneuraminate lyase protein (17-77AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	NPL
Alternative Name:	NPL (NPL Products)
Background:	Background: Catalyzes the cleavage of N-acetylneuraminic acid (sialic acid) to form pyruvate and N-acetylmannosamine via a Schiff base intermediate. It prevents sialic acids from being

Target Details

recycled and returning to the cell surface. Involved in the N-glycolylneuraminic acid (Neu5Gc) degradation pathway. Although human is not able to catalyze formation of Neu5Gc due to the inactive CMAHP enzyme, Neu5Gc is present in food and must be degraded (By similarity).

Aliases: 0610033B02Rik antibody, C112 antibody, C1orf13 antibody, Dihydrodipicolinate synthase antibody, Dihydrodipicolinate synthetase homolog 1 antibody, MGC149582 antibody, MGC61869 antibody, N-acetylneuraminate lyase antibody, N-acetylneuraminate pyruvate-lyase antibody, N-acetylneuraminic acid aldolase antibody, NAL antibody, NALase antibody, NPL antibody, NPL_HUMAN antibody, NPL1 antibody, RP11-249O6.1 antibody, Sialate lyase antibody, Sialate-pyruvate lyase antibody, Sialic acid aldolase antibody, Sialic acid lyase antibody

UniProt: [Q9BXD5](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

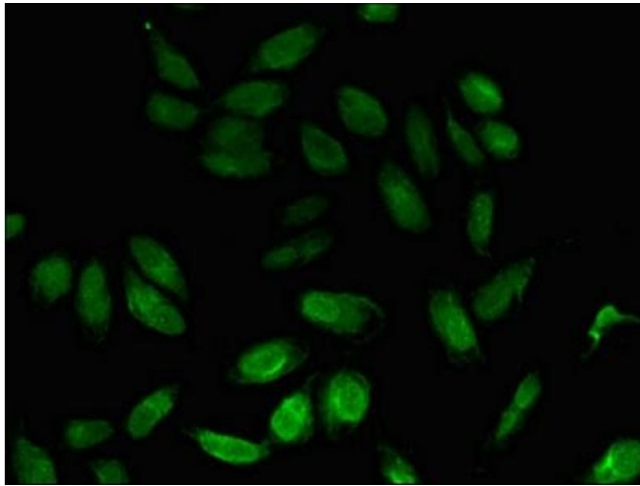
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of HeLa cells using ABIN7160707 at dilution of 1: 100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: Mouse brain tissue All lanes: NPL antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 36, 34, 32, 27, 13 kDa Observed band size: 36 kDa