Datasheet for ABIN7116673

anti-NPL antibody

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Overview

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

Product Details

Immunogen:	N-acetylneuraminate pyruvate lyase(dihydrodipicolinate synthase)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	NPL
Alternative Name:	NPL (NPL Products)
Background:	Synonyms:C1orf13 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 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

Target Details

	Neu5Gc due to the inactive CMAHP enzyme, Neu5Gc is present in food and must be degraded(By similarity).
Molecular Weight:	35 kDa
Gene ID:	80896
UniProt:	Q9BXD5

Application Details

Application Notes:	WB: 1:500-1:2000, IF: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months

