

## anti- NPL antibody

### Product Information

Catalog No.:	FNab05820
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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 Neu5Gc due to the inactive CMAHP enzyme, Neu5Gc is present in food and must be degraded (By similarity).

### Immunogen information

Immunogen:	N-acetylneuraminic acid pyruvate lyase (dihydrodipicolinate synthase)
Synonyms:	C1orf13
Observed MW:	35 kDa
UniprotID :	Q9BXD5

### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IF
Recommended dilution:	WB: 1:500-1:2000; IF: 1:20-1:200

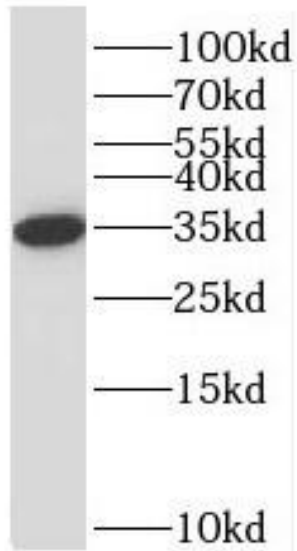
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Image:



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab05820(NPL antibody) at dilution of 1:1000

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