

## NPL rabbit monoclonal antibody

Catalog # H00080896-K      Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human NPL peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human NPL is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human NPL peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — NPL

Entrez GeneID	<a href="#">80896</a>
GeneBank Accession#	<a href="#">NPL</a>
Gene Name	NPL
Gene Alias	C1orf13, MGC149582, MGC61869, NPL1, c112
Gene Description	N-acetylneuraminate pyruvate lyase (dihydrodipicolinate synthase)
Omim ID	<a href="#">611412</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	N-acetylneuraminate pyruvate lyase (EC 4.1.3.3) controls the cellular concentration of sialic acid by catalyzing the conversion of sialic acid into acylmannosamines and pyruvate (Wu et al., 2005 [PubMed 16147865]).[supplied by OMIM]
Other Designations	N-acetylneuraminate pyruvate lyase OTTHUMP00000033259 dihydrodipicolinate synthase

## Pathway

- [Amino sugar and nucleotide sugar metabolism](#)