

For Research Use Only

# NEU3 Polyclonal antibody

Catalog Number: 27879-1-AP

Featured Product

3 Publications



## Basic Information

**Catalog Number:**

27879-1-AP

**Size:**

150ul, Concentration: 500 µg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG27259

**GenBank Accession Number:**

NM\_006656.5

**GeneID (NCBI):**

10825

**UNIPROT ID:**

Q9UQ49

**Full Name:**

sialidase 3 (membrane sialidase)

**Calculated MW:**

48 kDa

**Observed MW:**

48, 52 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:4000

IHC 1:50-1:500

IF-P 1:50-1:500

## Applications

**Tested Applications:**

WB, IF, IHC, ELISA

**Cited Applications:**

WB, IF, IHC

**Species Specificity:**

Human, mouse

**Cited Species:**

human, mouse

**Note-IHC:** suggested antigen retrieval with **TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** HEK-293T cells, HL-60 cells, Jurkat cells, K-562 cells, THP-1 cells

**IHC:** mouse testis tissue, mouse skeletal muscle tissue

**IF-P:** mouse small intestine tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Darrell Pilling	36382835	Exp Lung Res	IF
Xiaoli Zhang	33300910	Food Funct	WB,IHC
Wensheng Chen	36821384	JCI Insight	WB,IF

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

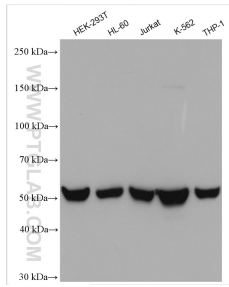
For technical support and original validation data for this product please contact:

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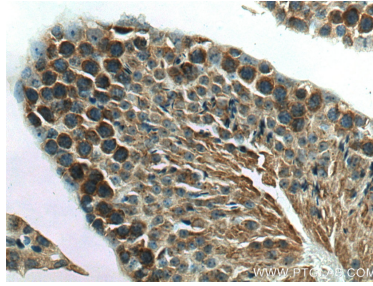
E: proteintech@ptglab.com  
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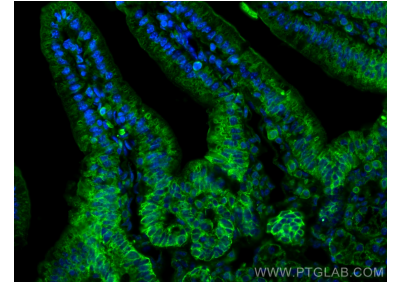
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27879-1-AP (NEU3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 27879-1-AP (NEU3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse small intestine tissue using NEU3 antibody (27879-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).