

# Product Datasheet

## TGN38 Antibody NBP1-20263-0.025ml

Unit Size: 0.025 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-20263-0.025ml**

TGN38 Antibody

Product Information	
Unit Size	0.025 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute in 0.1 ml of sterile water. Centrifuge to remove any insoluble material. Glycerol may be added (1:1) for additional stability. Please note the sample size is provided in reconstituted format.
Isotype	IgG
Purity	Unpurified
Buffer	Lyophilized from whole antisera

Product Description	
Host	Sheep
Gene ID	10618
Gene Symbol	TGOLN2
Species	Human, Mouse, Rat, Primate
Reactivity Notes	Marmoset (100%).
Marker	TGN Marker
Specificity/Sensitivity	TGN38 (or TGN46, TGN48, TGN51 in human).
Immunogen	A synthetic peptide from mouse TGN38 conjugated to blue carrier protein was used as the antigen.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence
Application Notes	Use in ICC/IF reported in scientific literature (PMID: 25278553).



## Publications

Andreeva L, David L, Rawson S et al. NLRP3 cages revealed by full-length mouse NLRP3 structure control pathway activation Cell 2021-12-22 [PMID: 34861190]

DiCello J J, Saito A et al. Inflammation-associated changes in DOR expression and function in the mouse colon. Am J Physiol Gastrointest Liver Physiol 2018-01-10 [PMID: 29927325] (IF/IHC, Mouse)

Cornejo VH, GonzAlez C, Campos M et al. Non-conventional Axonal Organelles Control TRPM8 Ion Channel Trafficking and Peripheral Cold Sensing Cell Rep 2020-03-31 [PMID: 32234483] (ICC/IF, Mouse)

Anitei M, Chenna R, Czupalla C et al. A high throughput siRNA screen identifies genes that regulate mannose 6-phosphate receptor trafficking. J. Cell. Sci. 2014-10-02 [PMID: 25278553] (ICC/IF, Human)

### Details:

TGN38 antibody used for ICC-IF on HeLa cells stably expressing a chimeric protein comprising the GFP fused to the transmembrane and cytoplasmic domain of the cation-independent mannose 6-phosphate receptor /GFP?MPR.





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### **Products Related to NBP1-20263-0.025ml**

HAF016	Donkey anti-Sheep IgG Secondary Antibody [HRP]
NL010	Donkey anti-Sheep IgG Secondary Antibody [NL557]
NBP1-97055-10mg	Sheep IgG Isotype Control
2914-HT-100MG	Holo-Transferrin [Unconjugated]

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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