

Product Datasheet

TGN46 Antibody NB110-40767

Unit Size: 0.025 mg

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

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NB110-40767

TGN46 Antibody

Product Information	
Unit Size	0.025 mg
Concentration	0.1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Purity	IgG purified
Buffer	1.0% BSA
Product Description	
Host	Sheep
Gene ID	10618
Gene Symbol	TGOLN2
Species	Human, Primate
Reactivity Notes	This antibody reacts with the human and primate protein. The antibody reactivity varies between species. Other species have not yet been tested. This is the larger size product, 25ug, a smaller size is available: 10ug, product NB110-62093.
Marker	TGN Marker
Specificity/Sensitivity	This is specific for TGN46. TGN46 is a heavily glycosylated protein of around 110-120kDa.
Immunogen	Antisera to TGN46 were raised by repeated immunisations of sheep with highly purified recombinant human TGN46.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunomicroscopy
Recommended Dilutions	Western Blot 1:500-1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:200, Immunohistochemistry-Paraffin, Immunomicroscopy
Application Notes	This antibody is useful for Western Blot, Immunofluorescence, and Immunoelectron microscopy. For Immunofluorescence fixation with 3% paraformaldehyde or methanol is recommended, and incubation for 60 minutes at room temperature in blocking buffer (0.1% gelatin in TBS/triton). For Western Blot it is recommended in 5% milk/TBS (+0.1% Tween-20) and incubation for 60 min at room temperature. Use in Immunohistochemistry-Paraffin reported in scientific literature (PMID 26434594)

Publications

Nakajima k, Nozawa T, Minowa-Nozawa A et al. RAB30 regulates PI4kB (phosphatidylinositol 4-kinase beta)-dependent autophagy against group A Streptococcus. Autophagy. 2018-10-05 [PMID: 30290718] (ICC/IF, Human)





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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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