Product Datasheet

TGN46 Antibody
NB110-60520

Unit Size: 0.1 ml

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

Publications: 13


Updated 6/27/2018 v.20.1
### Product Information

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Size</td>
<td>0.1 ml</td>
</tr>
<tr>
<td>Concentration</td>
<td>This product is unpurified. The exact concentration of antibody is not quantifiable.</td>
</tr>
<tr>
<td>Storage</td>
<td>Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.</td>
</tr>
<tr>
<td>Clonality</td>
<td>Polyclonal</td>
</tr>
<tr>
<td>Preservative</td>
<td>0.09% Sodium Azide</td>
</tr>
<tr>
<td>Purity</td>
<td>Unpurified</td>
</tr>
<tr>
<td>Buffer</td>
<td>Whole antisera with 1.0% BSA</td>
</tr>
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</table>

### Product Description

<table>
<thead>
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<tbody>
<tr>
<td>Host</td>
<td>Sheep</td>
</tr>
<tr>
<td>Gene ID</td>
<td>10618</td>
</tr>
<tr>
<td>Gene Symbol</td>
<td>TGOLN2</td>
</tr>
<tr>
<td>Species</td>
<td>Human, Primate</td>
</tr>
<tr>
<td>Reactivity Notes</td>
<td>Reacts with Primate, Human and Rat. Antibody reactivity and working conditions vary between species</td>
</tr>
<tr>
<td>Marker</td>
<td>TGN Marker</td>
</tr>
<tr>
<td>Specificity/Sensitivity</td>
<td>TGN46 - Golgi Complex Marker</td>
</tr>
<tr>
<td>Immunogen</td>
<td>Antisera to TGN46 were raised by repeated immunisations of sheep with highly purified recombinant human TGN46</td>
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### Product Application Details

<table>
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<th>Feature</th>
<th>Details</th>
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<tr>
<td>Applications</td>
<td>Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation</td>
</tr>
<tr>
<td>Recommended Dilutions</td>
<td>Western Blot 1:500-1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100-1:200, Immunoprecipitation, Immunohistochemistry-Frozen 1:50-1:100</td>
</tr>
<tr>
<td>Application Notes</td>
<td>Immunofluorescence Fixation with 3% paraformaldehyde or methanol is recommended and incubation for 60 min at room temperature in blocking buffer (0.1% gelatin in TBS/triton) Western blotting in 5% milk/TBS (+ 0.1% Tween-20) and incubation for 60 min at room temperature. Immunohistochemistry: Fixation with 3% paraformaldehyde or methanol/acetone is recommended</td>
</tr>
</tbody>
</table>
Images

Western Blot: TGN46 Antibody [NB110-60520] - Lane 1. 20ug HeLa cell lysate was run on an SDS-PAGE gel and western blotted using sheep anti-human TGN46 serum at 1/1000.

Immunofluorescent: TGN46 Antibody [NB110-60520] - Figure 1: Immunofluorescence staining of human TGN46 in 3% paraformaldehyde-fixed HeLa cells using sheep anti-human TGN46 serum at 1/100. Secondary antibody was donkey anti-sheep Alexa Fluor 488.
<table>
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<th>Publications</th>
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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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