Datasheet: AHP500

Description: SHEEP ANTI HUMAN TGN46

Specificity: TGN46

Other names: TGOLN2

Format: Serum

Product Type: Polyclonal Antibody

Isotype: Polyclonal IgG

Quantity: 0.1 ml

Product Details

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

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<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>Western Blotting</td>
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<tr>
<td>Immunofluorescence</td>
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Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species: Human

Species Cross Reactivity: Reacts with: Primate

N.B. Antibody reactivity and working conditions may vary between species.

Product Form: Serum, diluted - liquid

Antiserum Preparation: Antisera to human TGN46 were raised by repeated immunisation of sheep with highly purified antigen.

Buffer Solution: Phosphate buffered saline

Preservative Stabilisers: 0.02% Sodium Azide (NaN₃) 1% Bovine Serum Albumin 25% Glycerol

Immunogen: Recombinant human TGN46.
**External Database**

**UniProt:**

- O43493

**Entrez Gene:**

- 10618

**Related reagents**

**Synonyms**

- TGN46, TGN51

**Specificity**

Sheep anti Human TGN46 antibody recognizes Trans-Golgi network integral membrane protein 2 (TGNOL2), also known as TGN38 homolog, TGN46, TGN48 or Trans-Golgi network protein TGN51. TGN46 is a 437 amino acid glycoprotein localized to the Trans-Golgi network. TGN46 has been reported as being the best available marker for human trans-Golgi network. TGN46 is a heavily glycosylated protein of around 110-120 kDa. Multiple isoforms of TGN46 are generated by alternative splicing differing in sequence at the C-terminal portion. Sheep anti Human TGN46 antibody is expected to recognize all identified isoforms.

**Immunohistology**

Fixation with 3% paraformaldehyde or methanol/acetone is recommended.

**References**

Further Reading


Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.

Health And Safety Information

## Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) **Biotin**  
Donkey Anti Sheep IgG (STAR88...) **DyLight®488, DyLight®549, DyLight®649, FITC, HRP**

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