BOSTER BIOLOGICAL TECHNOLOGY
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-Transgelin 2/TAGLN2 Antibody

**Catalog Number:** A05012-2

## About TAGLN2

The protein encoded by this gene is similar to the protein transgelin, which is one of the earliest markers of differentiated smooth muscle. The specific function of this protein has not yet been determined, although it is thought to be a tumor suppressor. Multiple transcript variants encoding different isoforms have been found for this gene.

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## Overview

| | |
|---|---|
| Product Name | Anti-Transgelin 2/TAGLN2 Antibody |
| Reactive Species | Human, Mouse |
| Description | Boster Bio Anti-Transgelin 2/TAGLN2 Antibody catalog # A05012-2. Tested in IHC, WB, ICC, IF, ELISA applications. This antibody reacts with Human, Mouse. |
| Application | ELISA, IF, IHC, ICC, WB |
| Clonality | Polyclonal |
| Formulation | 500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg stabilizing protein and 50% glycerol<br>*This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | 12 months from date of receipt□-20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing. |
| Host | Rabbit |
| Uniprot ID | P37802 |

## Technical Details

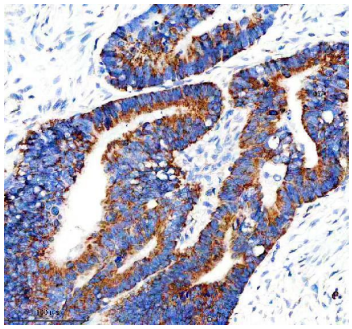
| | |
|---|---|
| Immunogen | E.coli-derived human TAGLN2 recombinant protein (Position: R4-G134). |
| Form | Liquid |

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|---|---|
| Concentration | 500 ug/ml |
| Purification | Immunogen affinity purified. |
| Suggested Dilutions | Western blot, 1:500-2000<br>Immunohistochemistry, 1:50-400<br>Immunocytochemistry/Immunofluorescence, 1:50-400<br>ELISA, 1:100-1000 |

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# Anti-Transgelin 2/TAGLN2 Antibody (A05012-2) Images



IHC analysis of Transgelin 2/TAGLN2 using anti-Transgelin 2/TAGLN2 antibody (A05012-2). Transgelin 2/TAGLN2 was detected in a paraffin-embedded section of human colon cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:100 rabbit anti-Transgelin 2/TAGLN2 Antibody (A05012-2) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

Anti-Transgelin 2/TAGLN2 Antibody

For Research Use Only. Not for use in diagnostic procedures.