antibodies -online.com







anti-Transgelin antibody (C-Term)





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| | rview |
| | VICVV |

Target:

| Quantity: | 400 μL |
|-----------------------|--|
| Target: | Transgelin (TAGLN) |
| Binding Specificity: | AA 139-167, C-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Transgelin antibody is un-conjugated |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |
| Product Details | |
| Immunogen: | This TAGLN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 139-167 amino acids from the C-terminal region of human TAGLN. |
| Clone: | RB19882 |
| Isotype: | lg Fraction |
| Predicted Reactivity: | В |
| Purification: | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Target Details | |

Transgelin (TAGLN)

Target Details

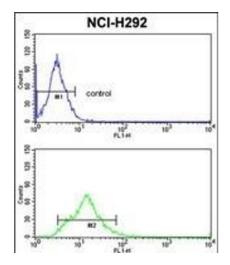
| Alternative Name: | TAGLN (TAGLN Products) |
|-------------------|--|
| Background: | TAGLN is a transformation and shape-change sensitive actin cross-linking/gelling protein found in fibroblasts and smooth muscle. Its expression is down-regulated in many cell lines, and this down-regulation may be an early and sensitive marker for the onset of transformation. A functional role of this protein is unclear. |
| Molecular Weight: | 22611 |
| Gene ID: | 6876 |
| NCBI Accession: | NP_001001522, NP_003177 |
| UniProt: | Q01995 |

Application Details

| Application Notes: | WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50 |
|--------------------|--|
| Restrictions: | For Research Use only |

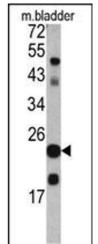
Handling

| Format: | Liquid |
|--------------------|--|
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date: | 6 months |



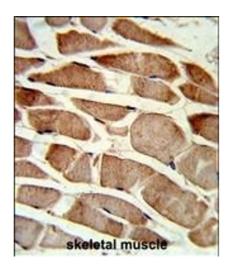
Flow Cytometry

Image 1. TAGLN Antibody (C-term) (ABIN390627 and ABIN2840932) flow cytometric analysis of NCI- cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of TAGLN antibody (C-term) (ABIN390627 and ABIN2840932) in mouse bladder tissue lysates (35 μ g/lane). TAGLN (arrow) was detected using the purified Pab.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human skeletal muscle reacted with TAGLN Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.