



TAGLN (ANT0069R) Rabbit mAb

CatalogNo: ANT8303 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA
Quantity : 100 ug/vial

Host Species

- Rabbit
- Human,Mouse,Rat,

Reactivity

- WB,IHC,IF,IP,ELISA

Applications

MW

- 23kD (Calculated)
- 23kD (Observed)
- IgG,Kappa

Isotype

Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:2000-1:10000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Basic Information

Clonality Monoclonal

Clone Number ANT0069R

Target Information

Endogenous

Gene name TAGLN SM22 WS3-10
Protein Name Transgelin (22 kDa actin-binding protein) (Protein WS3-10) (Smooth muscle protein 22alpha) (SM22-alpha)

Organism	Gene ID	UniProt ID
Human	6876;	Q01995;
Mouse		P37804;
Rat		P31232;

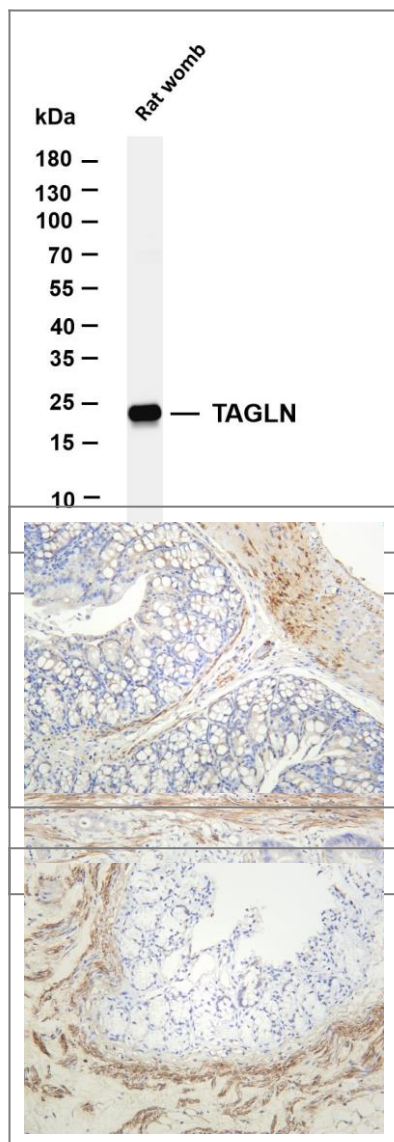
Cellular Localization Cytoplasm

Tissue specificity Aorta,Bone marrow,Brain,Fibroblast,Human small intestine,Peripheral blood,Uterus,White Matt

Function Function:Actin cross-linking/gelling protein (By similarity). Involved in calcium interactions and contractile properties of the cell that may contribute to replicative senescence.,induction:Overexpressed in senescent human fibroblasts.,similarity:Belongs to the calponin family.,similarity:Contains 1 calponin-like repeat.,similarity:Contains 1 CH (calponin-homology) domain.,



Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-TAGLN (ANT0069R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Rat womb Predicted band size: 23kDa Observed band size: 23kDa

Human colon carcinoma was stained with anti-TAGLN (ANT0069R) rabbit antibody
Mouse colon was stained with anti-TAGLN (ANT0069R) rabbit antibody

Rat colon was stained with anti-TAGLN (ANT0069R) rabbit antibody

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