

TAGLN Polyclonal Antibody

Catalog No. E-AB-70234

Note: Centrifuge before opening to ensure complete recovery of vial contents.

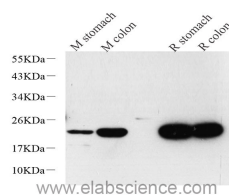
Description

Reactivity	Human, Mouse, Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse SM22α
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

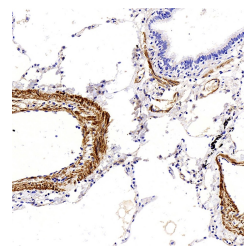
WB	1:500-1:2000
IHC	1:300-1:800

Data

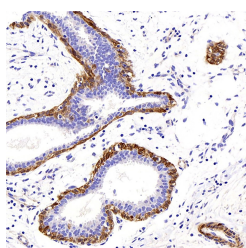


Western Blot analysis of various samples using TAGLN Polyclonal Antibody at dilution of 1:600.

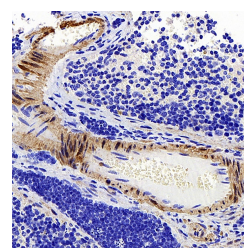
Observed Mw:22kDa
Calculated Mw:22kDa



Immunohistochemistry analysis of paraffin-embedded human lung cancer using TAGLN Polyclonal Antibody at dilution of 1:400.

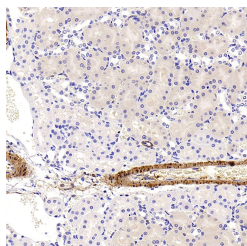


Immunohistochemistry analysis of paraffin-embedded human breast cancer using TAGLN Polyclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded mouse spleen using TAGLN Polyclonal Antibody at dilution of 1:400.

For Research Use Only



Immunohistochemistry analysis of paraffin-embedded Rat kidney using TAGLN Polyclonal Antibody at dilution of 1:400.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

The transgelin family is a group of proteins that belong to 22kd actin-related corpnin superfamily. Of all three isoforms,transgelin 1 is the best characterized. Transgelin 1,also known as SM22alpha,is a specific marker for differentiated smooth muscle cells. Transgelin 2,also known as SM22 beta,is expressed by both smooth muscle and non-smooth muscle cells in a temporally and spatially regulated pattern. Trangenlin 3,also known as NP25,is only found in highly differentiated neuronal cells.