TAGLN Polyclonal Antibody

catalog number: **E-AB-70234**

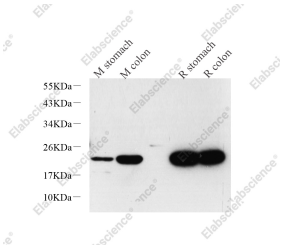
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse SM22α
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:300-1:800

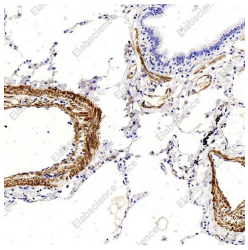
Data



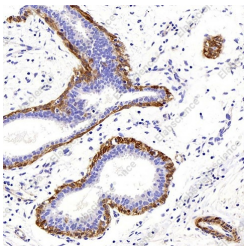
Western Blot analysis of various samples using TAGLN Polyclonal Antibody at dilution of 1:600.

Observed-MW:22 kDa

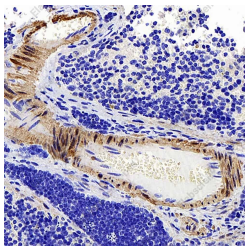
Calculated-MW:22 kDa



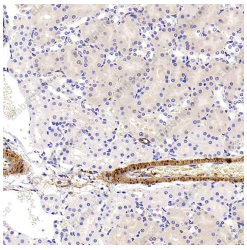
Immunohistochemistry analysis of paraffin-embedded human lung cancer using TAGLN Polyclonal Antibody at dilution of 1:400.



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.



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

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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.

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