

anti- transgelin/SM22-specific antibody

Product Information

Catalog No.:	FNab08936
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

The transgelin family is a group of proteins that belong to 22kd actin-related calponin 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. Transgelin 3, also known as NP25, is only found in highly differentiated neuronal cells. This antibody was generated against full length transgelin 1 protein. It can cross-react with other two transgelins based on the sequence similarity.

Immunogen information

Immunogen:	transgelin
Synonyms:	SM22, SM22 alpha, SM22a, SM22alpha, Smooth muscle protein 22 alpha, TAGLN, TAGLN1, transgelin, TRANSGELIN 1
Observed MW:	22 kDa
Uniprot ID :	Q01995

Application

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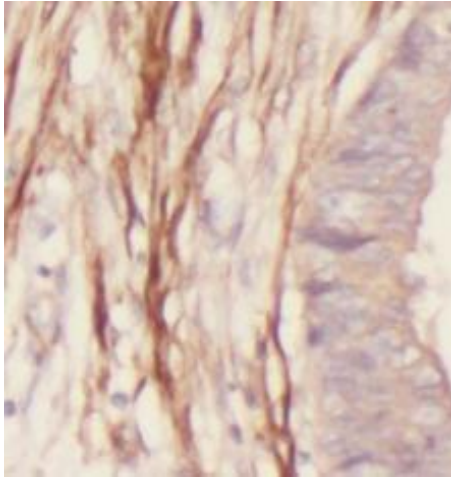
www.fn-test.com

Reactivity: Human, Mouse, Rat

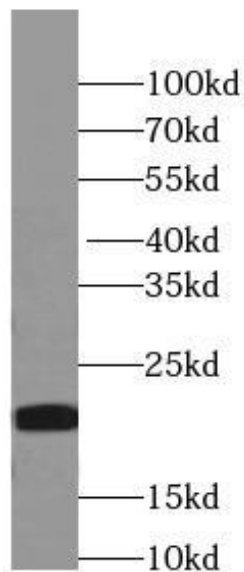
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:200-1:2000; IHC: 1:100-1:4000

Image:



Immunohistochemistry of paraffin-embedded human colon tissue slide using FNab08936(transgelin-specific Antibody) at dilution of 1:200



human colon tissue were subjected to SDS PAGE followed by western blot with FNab08936(transgelin-specific antibody) at dilution of 1:100

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