

Allgemeine Informationen

Katalog-Nr.:

60044-1-Ig

Größe:

150ul , Konzentration: 1200 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Maus

Isotyp:

IgG1

Immunogen Katalognummer:

AG0337

GenBank-Zugangsnummer:

BC002616

GeneID (NCBI):

8407

Vollständiger Name:

transgelin 2

Berechnete Masse:

199 aa, 22 kDa

Beobachtete Masse:

22 kDa

Reinigungsmethode:

Protein-G-Reinigung

CloneNo.:

2E5G1

Empfohlene Verdünnungen:

WB 1:500-1:2000

IP 0.5-4.0 ug für IP und 1:500-1:2000

für WB

IHC 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : K562-Zellen, K-562-Zellen

IP : HEK-293-Zellen,

IHC : humanes Kolonkarzinomgewebe, humanes Kolongewebe

Hintergrundinformationen

The transgelin family is a group of proteins that belong to 22 kDa actin-related corpin superfamily. Of all three isoforms, transgelin 1 is the best characterized. Transgelin 1, also known as SM22 alpha, 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. Our test result showed that this antibody is specific to TAGLN2. It does not bind TAGLN1 and TAGLN3.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Liu Yang	31485630	Mol Med Rep	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

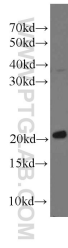
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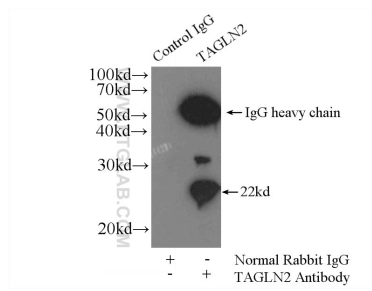
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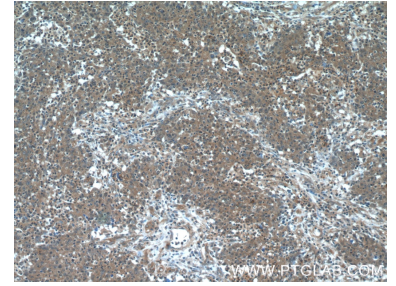
Ausgewählte Validierungsdaten



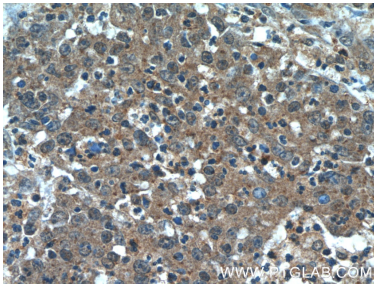
K-562 cells were subjected to SDS PAGE followed by western blot with 60044-1-Ig (Transgelin 2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-Transgelin 2 (IP:60044-1-Ig, 4ug; Detection:60044-1-Ig 1:1000) with HEK-293 cells lysate 1000ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 60044-1-Ig (Transgelin 2 antibody at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 60044-1-Ig (Transgelin 2 antibody at dilution of 1:50 (under 40x lens).