

Nur für Forschungszwecke

RCAS1 Polyklonaler Antikörper

Katalog-Nr.:12255-1-AP

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.:
12255-1-AP

Größe:
150ul, Konzentration: 750 µg/ml von
Nanodrop und 373 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG2905

GenBank-Zugangsnummer:
BC017729

GeneID (NCBI):
9166

Vollständiger Name:
estrogen receptor binding site
associated, antigen, 9

Berechnete Masse:
213 aa, 24 kDa

Beobachtete Masse:
32 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:4000
IP 0.5-4.0 µg für IP und 1:1000-1:4000
für WB
IHC 1:250-1:1000
IF 1:600-1:2400

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

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

Positivkontrollen:

WB : HEK-293-Zellen, HeLa-Zellen, Mausherzgewebe,
Rattenherzgewebe

IP : HeLa-Zellen,

IHC : humanes Kolongewebe,

IF : HEK-293-Zellen,

Hintergrundinformationen

Estrogen receptor-binding fragment-associated antigen 9 (EBAG9) gene was identified as an estrogen-responsive gene. The gene product, receptor-binding cancer antigen expressed on SiSo cells (RCAS1), is associated with aggressive characteristics and poor overall survival for 15 different human malignancies. The correlation between RCAS1 expression and several clinicopathological variables, including tumor size, clinical stage, invasion depth and lymph node metastasis highlights this molecule's clinical significance. Expression of RCAS1 in tumor cells plays an important role in evasion from host immune system resulting tumor progression, invasion and metastasis. Further exploration of RCAS1 biological function will facilitate development of novel therapeutic strategies that target RCAS1.

Lagerung

Lagerungsbedingungen:

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

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

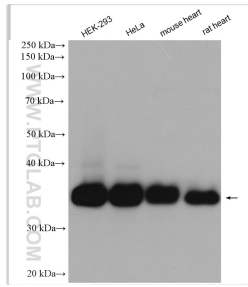
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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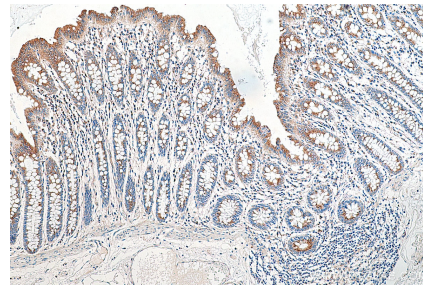
E: proteintech@ptglab.com
W: ptglab.com

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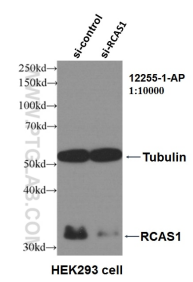
Ausgewählte Validierungsdaten



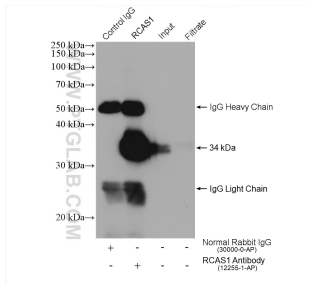
Various lysates were subjected to SDS PAGE followed by western blot with 12255-1-AP (RCAS1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



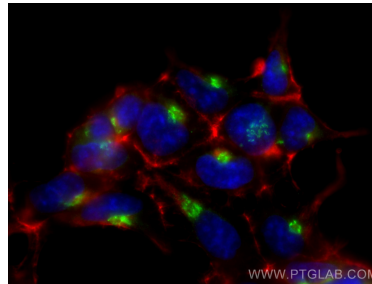
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 12255-1-AP (RCAS1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of RCAS1 antibody (12255-1-AP, 1:10000) with si-control and si-RCAS1 transfected HEK293 cells.



IP result of anti-RCAS1(IP:12255-1-AP, 4ug; Detection:12255-1-AP 1:2000) with HeLa cells lysate 1720 ug.



Immunofluorescent analysis of (-20°C Methanol) fixed HEK-293 cells using RCAS1 antibody (12255-1-AP) at dilution of 1:1200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).