

Nur für Forschungszwecke

SRPK2 Polyklonaler Antikörper

Katalog-Nr.: 25417-1-AP

Vorgestelltes Produkt

1 Publikationen



Allgemeine Informationen

Katalog-Nr.:
25417-1-AP

Größe:
150ul, Konzentration: 900 µg/ml von
Nanodrop und 433 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG17885

GenBank-Zugangsnummer:
BC035214

GeneID (NCBI):
6733

Vollständiger Name:
SFRS protein kinase 2

Berechnete Masse:
688 aa, 78 kDa

Beobachtete Masse:
105-110 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000

IP 0.5-4.0 µg für IP und 1:200-1:1000
für WB

IHC 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human

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: HeLa-Zellen,

IP: HeLa-Zellen,

IHC: Maushodengewebe, Maushirngewebe

Hintergrundinformationen

SRPK2, also named as serine/arginine protein kinase 2 and SFRSK2, belongs to SR protein-specific kinase family which phosphorylate the serine/arginine domain containing proteins in the nuclear speckles to mediate pre-mRNA splicing (PMID: 22854045). In addition to its major role as kinase for the phosphorylation of SR proteins, SRPK2 is involved in cell cycle regulation and cell apoptosis (PMID: 19592491). SRPK2 promotes the proliferation and migration of the colon cancer cells. It has been reported to be regulated in several cancer types (PMID: 27041240). It has 2 isoforms with the calculated molecular mass of 77-79 kDa, and the apparent molecular mass of 105-115 kDa due to posttranslational modification (PMID: 12134018, 16122776).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Guillaume Fonteneau	35674408	Cancer Discov	WB, IF

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

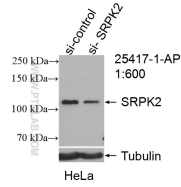
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

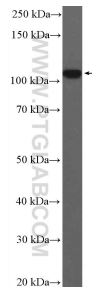
E: proteintech@ptglab.com
W: ptglab.com

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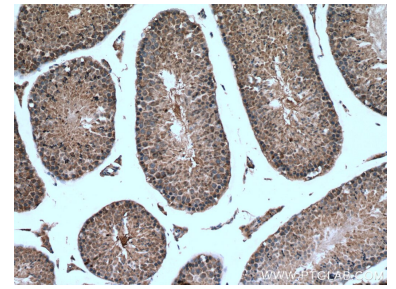
Ausgewählte Validierungsdaten



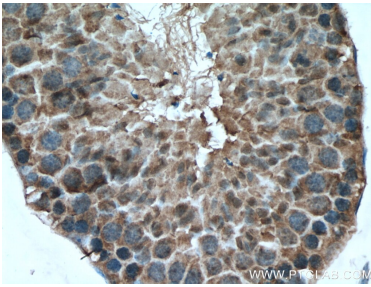
WB result of SRPK2 antibody (25417-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-SRPK2 transfected HeLa cells.



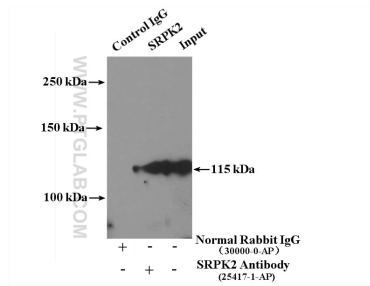
HeLa cells were subjected to SDS PAGE followed by western blot with 25417-1-AP (SRPK2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 25417-1-AP (SRPK2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 25417-1-AP (SRPK2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-SRPK2 (IP:25417-1-AP, 4ug; Detection:25417-1-AP 1:300) with HeLa cells lysate 3200ug.