

For Research Use Only

STAG2 Polyclonal antibody, PBS Only

Catalog Number: 19837-1-PBS



Basic Information

Catalog Number:

19837-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13825

GenBank Accession Number:

BC001765

GeneID (NCBI):

10735

UNIPROT ID:

Q8N3U4

Full Name:

stromal antigen 2

Calculated MW:

1231 aa, 141 kDa

Observed MW:

130-141 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

STAG2, also named as SA2, is a component of cohesin complex, a complex required for the cohesion of sister chromatids after DNA replication. The cohesin complex may play a role in spindle pole assembly during mitosis. Mutations in STAG2 appear to be a first step in the transformation of a normal cell into a cancer cell.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

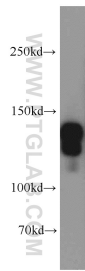
T: 4006900926

E: Proteintech-CN@ptglab.com

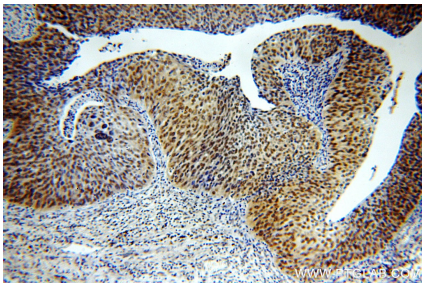
W: ptgcn.com

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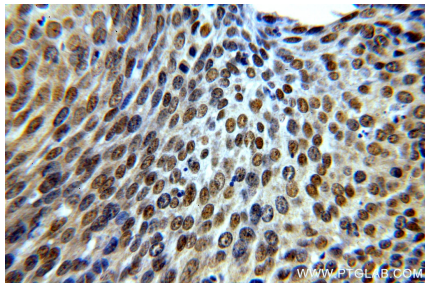
Selected Validation Data



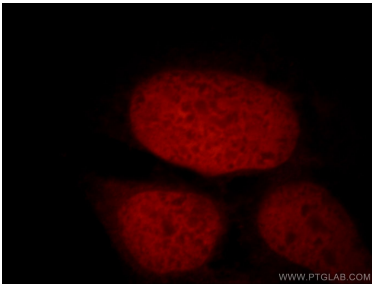
Jurkat cells were subjected to SDS PAGE followed by western blot with 19837-1-AP (STAG2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 19837-1-PBS in a different storage buffer formulation.



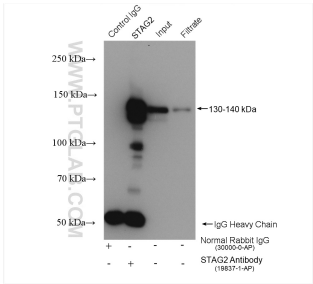
Immunohistochemical analysis of paraffin-embedded human cervical cancer using 19837-1-AP (STAG2 antibody) at dilution of 1:100 (under 10x lens). This data was developed using the same antibody clone with 19837-1-PBS in a different storage buffer formulation.



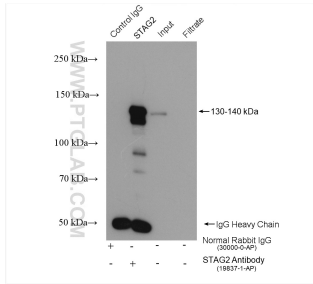
Immunohistochemical analysis of paraffin-embedded human cervical cancer using 19837-1-AP (STAG2 antibody) at dilution of 1:100 (under 40x lens). This data was developed using the same antibody clone with 19837-1-PBS in a different storage buffer formulation.



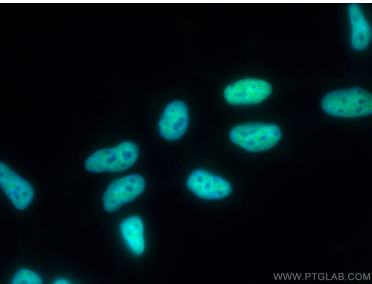
Immunofluorescent analysis of 293 cells, using STAG2 antibody 19837-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). This data was developed using the same antibody clone with 19837-1-PBS in a different storage buffer formulation.



IP result of anti-STAG2 (IP:19837-1-AP, 4ug; Detection:19837-1-AP 1:3000) with MCF-7 cells lysate 2120 ug. This data was developed using the same antibody clone with 19837-1-PBS in a different storage buffer formulation.



IP result of anti-STAG2 (IP:19837-1-AP, 4ug; Detection:19837-1-AP 1:3000) with U-251 cells lysate 3320 ug. This data was developed using the same antibody clone with 19837-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using STAG2 antibody (19837-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 19837-1-PBS in a different storage buffer formulation.