

For Research Use Only

WNT7A Polyclonal antibody, PBS Only

Catalog Number: 27177-1-PBS



Basic Information

Catalog Number:

27177-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26060

GenBank Accession Number:

BC008811

GeneID (NCBI):

7476

UNIPROT ID:

O00755

Full Name:

wingless-type MMTV integration site family, member 7A

Calculated MW:

39 kDa

Observed MW:

30-39 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

WNT7A belongs to the Wnt family. WNT7A plays an important role in embryonic development, including dorsal versus ventral patterning during limb development, skeleton development and urogenital tract development (PMID: 16826533). WNT7A is required for central nervous system (CNS) angiogenesis and blood-brain barrier regulation (PMID:30026314). WNT7A is highly expressed in basal cells and is secreted in abundance by basal cells (PMID: 36318668).

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:

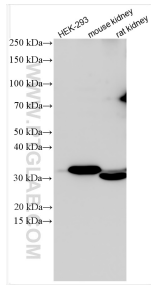
T: 4006900926

E: Proteintech-CN@ptglab.com

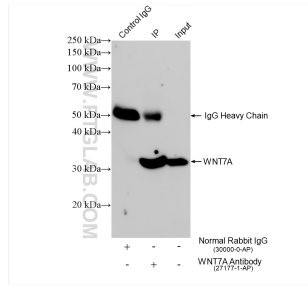
W: ptgcn.com

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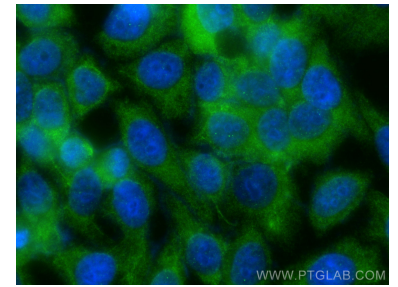
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27177-1-AP (WNT7A antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27177-1-PBS in a different storage buffer formulation.



IP result of anti-WNT7A (IP:27177-1-AP, 4ug; Detection:27177-1-AP 1:2000) with mouse kidney tissue lysate 2160 ug. This data was developed using the same antibody clone with 27177-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using WNT7A antibody (27177-1-AP) at dilution of 1:600 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 27177-1-PBS in a different storage buffer formulation.