

For Research Use Only

WNT7A Polyclonal antibody

Catalog Number: 27177-1-AP



Basic Information

Catalog Number: 27177-1-AP	GenBank Accession Number: BC008811	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 320 µg/ml by Nanodrop;	GeneID (NCBI): 7476	Recommended Dilutions: WB 1:1000-1:5000
Source: Rabbit	Full Name: wingless-type MMTV integration site family, member 7A	
Isotype: IgG	Calculated MW: 39 kDa	
Immunogen Catalog Number: AG26060	Observed MW: 30-39 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, mouse kidney tissue, rat kidney tissue
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

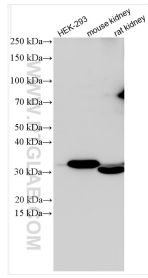
For technical support and original validation data for this product please contact:

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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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.