

For Research Use Only

WNT8A Polyclonal antibody

Catalog Number: 30518-1-AP



Basic Information

Catalog Number: 30518-1-AP	GenBank Accession Number: NM_001300938	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 7478	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q9H1J5	IHC 1:50-1:500
Isotype: IgG	Full Name: wingless-type MMTV integration site family, member 8A	IF/ICC 1:200-1:800
Immunogen Catalog Number: AG29510	Calculated MW: 39 kDa	
	Observed MW: 39-45 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, rat	WB : Caco-2 cells, HT-29 cells, SW480 cells, rat heart tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human colon cancer tissue,
	IF/ICC : HCT 116 cells,

Background Information

WNT8A, also named as WNT8D, belongs to the Wnt family of secreted signaling proteins. It is a ligand for members of the frizzled family of seven transmembrane receptors. These have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. WNT8A may play an important role in the development and differentiation of certain forebrain structures, notably the hippocampus.

Storage

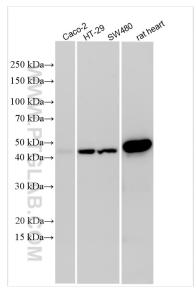
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

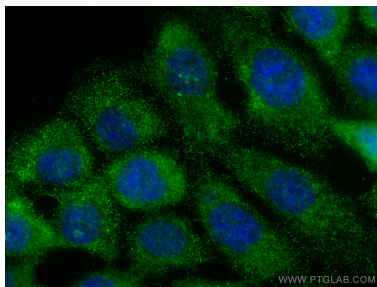
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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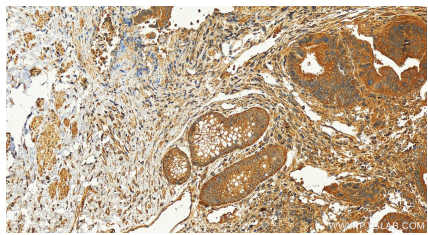
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30518-1-AP (WNT8A antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HCT 116 cells using WNT8A antibody (30518-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 30518-1-AP (WNT8A antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Sodium Citrate buffer (pH 6.0).