

For Research Use Only

ARHGAP44 Polyclonal antibody, PBS Only

Catalog Number: 32382-1-PBS



Basic Information

Catalog Number: 32382-1-PBS	GenBank Accession Number: NM_001321166	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9912	
Source: Rabbit	UNIPROT ID: Q17R89	
Isotype: IgG	Full Name: Rho-type GTPase-activating protein RICH2	
Immunogen Catalog Number: AG38196	Calculated MW: 818aa, 89 kDa	
	Observed MW: 80-100 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, rat

Background Information

Rho GTPase-activating protein 44 (ARHGAP44) belongs to the Rho GTPase-activating protein (RhoGAP) family, also known as Rich2. ARHGAP44 plays an important role in cytoskeletal dynamics, cellular motility and signaling. Its high expression in osteosarcoma correlates with tumor malignancy, suggesting its potential as a potential therapeutic target. In addition, ARHGAP44 may also be involved in the pathogenesis of diabetes and cardiovascular diseases, and its specific role in these diseases needs to be further investigated in the future.

Storage

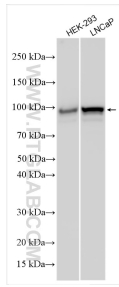
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

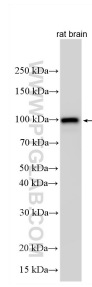
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

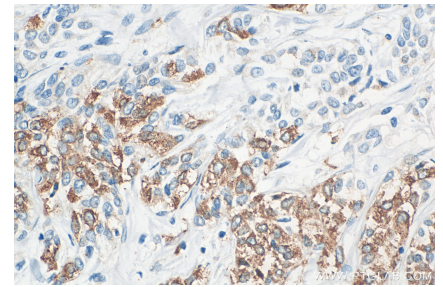
Selected Validation Data



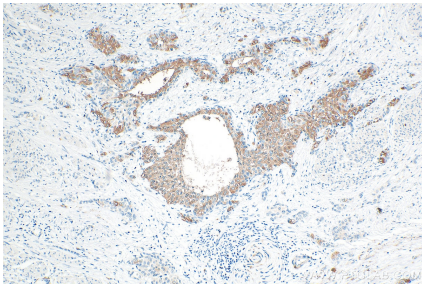
Various lysates were subjected to SDS PAGE followed by western blot with 32382-1-AP (ARHGAP44 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32382-1-PBS in a different storage buffer formulation.



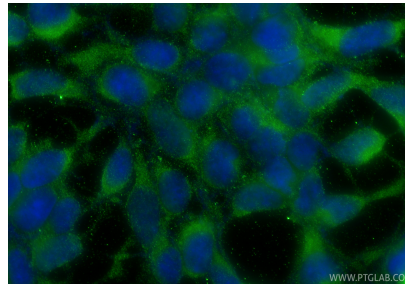
Various lysates were subjected to SDS PAGE followed by western blot with 32382-1-AP (ARHGAP44 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32382-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using 32382-1-AP (ARHGAP44 antibody) at dilution of 1:1500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32382-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using 32382-1-AP (ARHGAP44 antibody) at dilution of 1:1500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32382-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using ARHGAP44 antibody (32382-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 32382-1-PBS in a different storage buffer formulation.