

For Research Use Only

CA9 Polyclonal antibody

Catalog Number: 11443-1-AP

Featured Product



Basic Information

Catalog Number: 11443-1-AP	GenBank Accession Number: BC014950	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 327 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 768	Recommended Dilutions: WB 1:500-1:1000 IHC 1:500-1:2000
Source: Rabbit	Full Name: carbonic anhydrase IX	
Isotype: IgG	Calculated MW: 459 aa, 50 kDa	
Immunogen Catalog Number: AG1963	Observed MW: 50-60 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : mouse brain tissue, A549 cells
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 stomach cancer tissue,

Background Information

CA9(Carbonic anhydrase 9) may be involved in the control of cell proliferation and transformation and appears to be a novel specific biomarker for a cervical neoplasia(PMID:18703501).It is a tumor-associated antigen that has been shown to have diagnostic utility in identifying cervical dysplasia and carcinoma.The protein is present both on the plasma membrane and in the nucleus of cells and has the molecular.

Storage

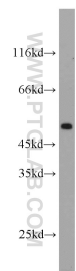
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

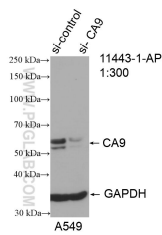
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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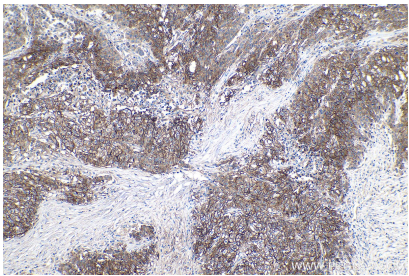
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 11443-1-AP (CA IX antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



WB result of CA9 antibody (11443-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CA9 transfected A549 cells.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 11443-1-AP (CA9 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).