

For Research Use Only

ARAP3 Polyclonal antibody

Catalog Number: 22578-1-AP



Basic Information

Catalog Number: 22578-1-AP	GenBank Accession Number: BC009968	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 ug/ml by Nanodrop and 213 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 64411	Recommended Dilutions: IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q8WWN8	
Isotype: IgG	Full Name: ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 3	
Immunogen Catalog Number: AG17436	Calculated MW: 1544 aa, 170 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human colon tissue, human colon cancer tissue
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

The ADP-ribosylation factor (ARF) family of small GTP-binding proteins are involved in vesicular transport regulation and in controlling cytoskeletal organization and cell adhesion. These proteins are best characterized as regulators of membrane traffic. The Centaurin GTPase-activating protein family comprise a subset of ARF regulatory molecules that transduce PI 3-kinase activation into coordinated control of ARF-dependent pathways. ARAP3 (Arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 3) is unique for its dual specificity GAPs (GTPase activating protein) activity for Arf6 (ADP-ribosylation factor 6) and RhoA (Ras homolog gene family member A) regulated by PtdIns(3,4,5)P3 (phosphatidylinositol (3,4,5)-trisphosphate) and a small GTPase Rap1-GTP and is involved in regulation of cell shape and adhesion.

Storage

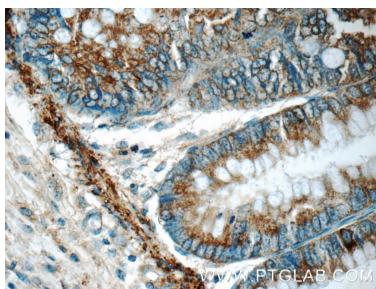
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

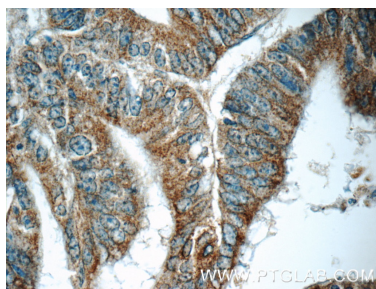
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 22578-1-AP (ARAP3 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 22578-1-AP (ARAP3 Antibody) at dilution of 1:50 (under 40x lens).