ARFGEF1 Polyclonal antibody

Catalog Number:31684-1-AP

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Basic Information

Catalog Number: 31684-1-AP	**GenBank Accession Number:** NM_001413184	**Purification Method:** Antigen affinity Purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	**GeneID (NCBI):** 10565	**Recommended Dilutions:** WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	**UNIPROT ID:** Q9Y6D6	
Isotype: IgG	**Full Name:** ADP-ribosylation factor guanine nucleotide-exchange factor 1(brefeldin A-inhibited)	
Immunogen Catalog Number: AG35629	**Calculated MW:** 208kDa	
	Observed MW: 210 kDa	

Applications

Tested Applications:
WB, IHC, ELISA
Species Specificity:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : BxPC-3 cells, HEK-293T cells, HeLa cells, NIH/3T3 cells, mouse lung tissue

IHC : human ovary cancer tissue,

Background Information

ARFGEF1 (ADP ribosylation factor guanine nucleotide exchange factor 1), also known as BIG1 (Brefeldin A-inhibited guanine nucleotide exchange protein 1), is one of the ADP ribosylation factor (ARF) guanine nucleotide exchange factor (GEF) with a conserved catalytic sec7 domain.ARFGEF1 is connected with trafficking regulation through the trans-Golgi network and endosomes (PMID: 35090882).
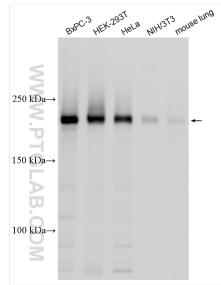
Storage

Storage:
Store at -20℃. 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
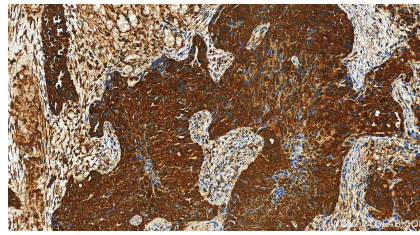
*** 20ul sizes contain 0.1%BSA

Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 31684-1-AP (ARFGEF1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 31684-1-AP (ARFGEF1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).