

RHOD Polyclonal antibody

Catalog Number: 11717-1-AP

Basic Information

Catalog Number:

11717-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2291

GenBank Accession Number:

BC001338

GeneID (NCBI):

29984

UNIPROT ID:

O00212

Full Name:

ras homolog gene family, member D

Calculated MW:

210 aa, 23 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IF, IHC, ELISA

Species Specificity:

human

Positive Controls:

IHC : human lung cancer tissue, human 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**

Background Information

RhoD is a member of the Rho family of small GTPases, and it has been implicated in integrating actin reorganization and endosome motility. RhoD localizes to early endosomes and recycling endosomes, which indicates its important role in the regulation of endosome trafficking. It is involved in reorganization of the actin cytoskeleton, and it may coordinate membrane transport with the function of the cytoskeleton.

Storage

Storage:

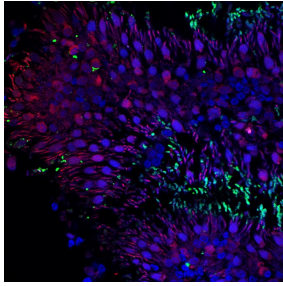
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

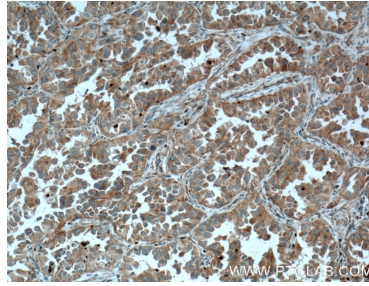
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

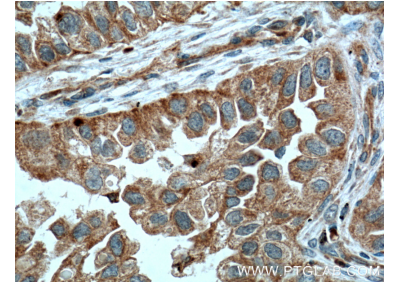
Selected Validation Data



Human Retina Whole Mount generated from human induced pluripotent stem cells (iPSCs) and fixed with 4% PFA. Stained for RHOD with 11717-1-AP at 1:400, ARR3 1:400 Nuclear stain DAPI (blue). Data generated by Alessandro Bellapianta at Johannes Kepler Universitat, Austria.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11717-1-AP (RHOD Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11717-1-AP (RHOD Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).