

For Research Use Only

FKBP9 Polyclonal antibody

Catalog Number: 18073-1-AP

1 Publications



Basic Information

Catalog Number:

18073-1-AP

Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 173 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12715

GenBank Accession Number:

BC101723

GeneID (NCBI):

11328

UNIPROT ID:

O95302

Full Name:

FK506 binding protein 9, 63 kDa

Calculated MW:

570 aa, 63 kDa

Observed MW:

63 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : NIH/3T3 cells, L02 cells

IF/ICC : L02 cells,

Background Information

FKBP9 (FK506-binding protein 9, also referred to as FKBP60 or FKBP63) belongs to a family of immunophilins that are able to bind to FK506, an immunosuppressive drug. Several members of the FKBP family, including FKBP9, FKBP13, FKBP23 and FKBP65, localize to the endoplasmic reticulum (ER) as they contain the ER retention motif H/R/KDEL (PMID:32111229). In addition, the FKBP9 mutation was also reported to be associated with disease-free survival rates in pheochromocytoma or paraganglioma (PMID:28386672).

Notable Publications

Author	Pubmed ID	Journal	Application
Shirong Li	39281835	Genes Dis	WB

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

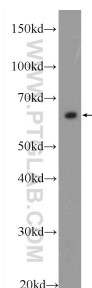
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

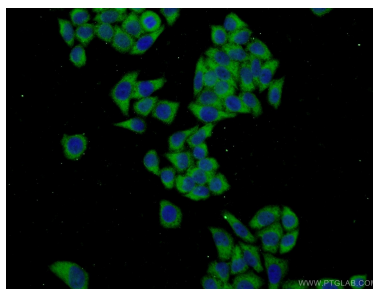
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 18073-1-AP (FKBP9 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of L02 cells using 18073-1-AP (FKBP9 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).