

For Research Use Only

FKBP9 Polyclonal antibody

Catalog Number: 18073-1-AP



Basic Information

Catalog Number: 18073-1-AP	GenBank Accession Number: BC101723	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 200 µg/ml by Nanodrop and 173 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 11328	Recommended Dilutions: WB 1:500-1:1000 IF 1:20-1:200
Source: Rabbit	Full Name: FK506 binding protein 9, 63 kDa	
Isotype: IgG	Calculated MW: 570 aa, 63 kDa	
Immunogen Catalog Number: AG12715	Observed MW: 63 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB : NIH/3T3 cells, L02 cells
Species Specificity: human, mouse, rat	IF : 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).

Storage

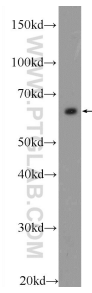
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

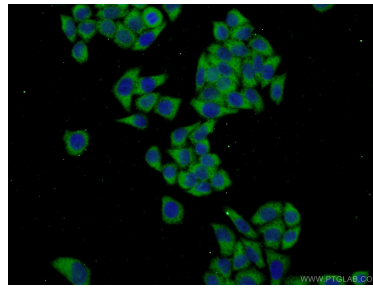
For technical support and original validation data for this product please contact:
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Selected Validation Data



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 AffiniPure Goat Anti-Rabbit IgG(H+L).