

For Research Use Only

FKBPL Polyclonal antibody

Catalog Number: 23369-1-AP



Basic Information

Catalog Number: 23369-1-AP	GenBank Accession Number: BC004168	Purification Method: Antigen affinity purification
Concentration: 1500 µg/ml	GeneID (NCBI): 63943	Recommended Dilutions: WB: 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q9UIM3	IHC: 1:100-1:400
Isotype: IgG	Full Name: FK506 binding protein like	IF/ICC: 1:200-1:800
Immunogen Catalog Number: AG19702	Calculated MW: 349 aa, 38 kDa	FC (Intra): 0.40 ug per 10 ⁶ cells in a 100 µl suspension
	Observed MW: 42-48 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, FC (Intra), ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human ovary tumor tissue,
	IF/ICC : HeLa cells,
	FC (Intra) : HeLa cells,

Background Information

FKBPL, also named as DIR1, NG7 and WISp39, has similarity to the immunophilin protein family, which plays a role in immunoregulation and basic cellular processes involving protein folding and trafficking. FKBPL levels may be a prognostic indicator and determinant of response to endocrine therapy (PMID:20103631, 15664193). It can be detected the band between 38 kDa and 48 kDa by western blot.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

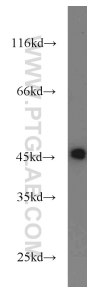
T: 4006900926

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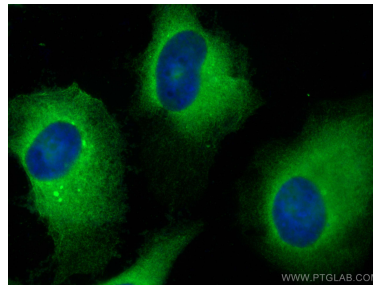
W: ptgcn.com

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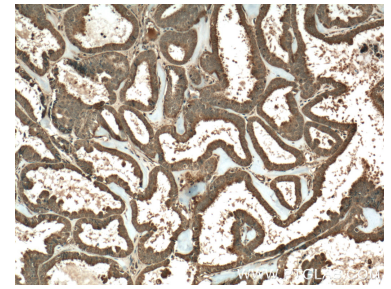
Selected Validation Data



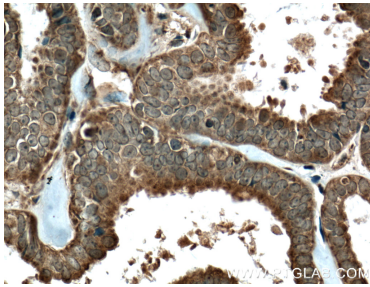
HeLa cells were subjected to SDS PAGE followed by western blot with 23369-1-AP (FKBPL antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



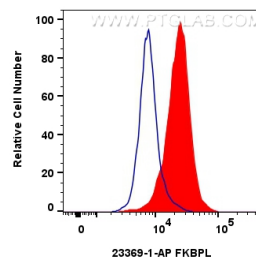
Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using FKBPL antibody (23369-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 23369-1-AP (FKBPL 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 ovary tumor tissue slide using 23369-1-AP (FKBPL Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 HeLa cells were intracellularly stained with 0.4 ug FKBPL Polyclonal antibody (23369-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).