

For Research Use Only

ATAD1 Recombinant antibody, PBS Only

Catalog Number: 84194-6-PBS



Basic Information

Catalog Number:

84194-6-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10343

GenBank Accession Number:

BC010868

GeneID (NCBI):

84896

UNIPROT ID:

Q8NBU5

Full Name:

ATPase family, AAA domain
containing 1

Calculated MW:

361 aa, 41 kDa

Observed MW:

32-37 kDa

Purification Method:

Protein A purification

CloneNo.:

241449D12

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

The mitochondrial AAA (ATPase Associated with diverse cellular Activities) protein ATAD1 (in humans; Msp1 in yeast) removes mislocalized membrane proteins, as well as stuck import substrates from the mitochondrial outer membrane, facilitating their re-insertion into their cognate organelles and maintaining mitochondria's protein import capacity.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

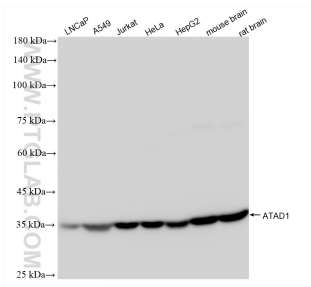
T: 4006900926

E: Proteintech-CN@ptglab.com

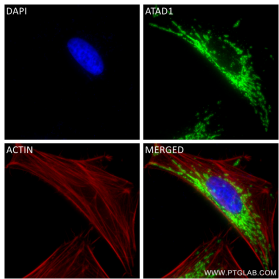
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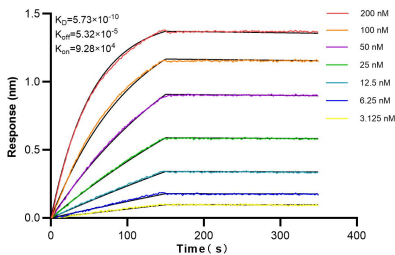
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84194-6-RR (ATAD1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84194-6-PBS in a different storage buffer formulation.



1x10⁶ A431 cells were intracellularly stained with 0.25 ug ATAD1 Recombinant antibody (84194-6-RR, Clone:241449D12) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 84194-6-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84194-6-RR against Human ATAD1 were performed. The affinity constant is 0.573 nM.