

For Research Use Only

RAE1 Recombinant antibody, PBS Only

Catalog Number: 83712-4-PBS



Basic Information

Catalog Number:

83712-4-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12102

GenBank Accession Number:

BC103754

GeneID (NCBI):

8480

UNIPROT ID:

P78406

Full Name:

RAE1 RNA export 1 homolog (S.

pombe)

Calculated MW:

368 aa, 41 kDa

Purification Method:

Protein A purification

CloneNo.:

240861B7

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human, mouse

Background Information

RAE1 acts as a mRNA export factor involved in nucleocytoplasmic transport, it plays a role in mitotic bipolar spindle formation. (PMID: 33849972, MID: 17172455)

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:

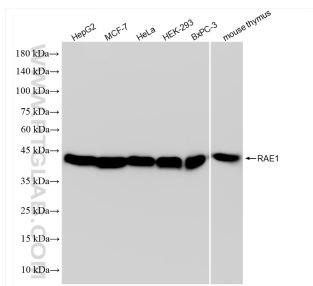
T: 4006900926

E: Proteintech-CN@ptglab.com

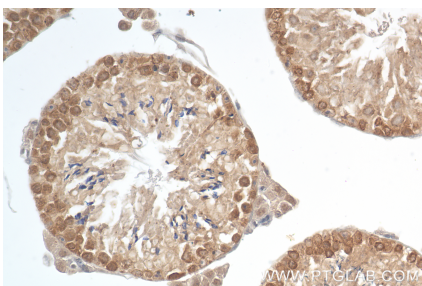
W: ptgcn.com

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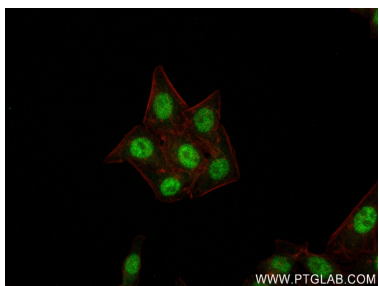
Selected Validation Data



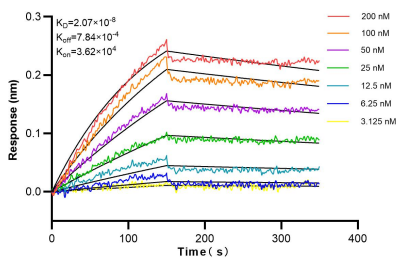
Various lysates were subjected to SDS PAGE followed by western blot with 83712-4-RR (RAE1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83712-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 83712-4-RR (RAE1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83712-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using RAE1 antibody (83712-4-RR, Clone: 240861B7) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 83712-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83712-4-RR against Human RAE1 were performed. The affinity constant is 20.7 nM.