For Research Use Only

REPS2 Recombinant antibody

Catalog Number:84016-4-RR

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Uni-rAb
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Basic Information

Catalog Number:
84016-4-RR

Size:
100ul , Concentration: 400 μg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG33764

GenBank Accession Number:
NM_004726

GeneID (NCBI):
9185

UNIPROT ID:
Q8NFH8

Full Name:
RALBP1 associated Eps domain containing 2

Calculated MW:
72KD

Purification Method:
Protein A purfication

CloneNo.:
241136D3

Recommended Dilutions:
IF/ICC 1:50-1:500

Applications

Tested Applications:
IF/ICC, ELISA

Species Specificity:
human

Positive Controls:

IF/ICC : LNCaP cells,

Background Information

REPS2 is part of a protein complex that regulates the endocytosis of growth factor receptors. The encoded protein directly interacts with a GTPase activating protein that functions downstream of the small G protein Ral. Its expression can negatively affect receptor internalization and inhibit growth factor signaling. There are 4 isoforms of the protein with two short (58 kDa) isoforms comprising 521 or 522 amino acid residues and two long (78 kDa) ones of 659 or 660 residues.

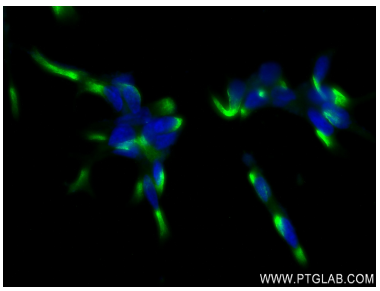
Storage

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

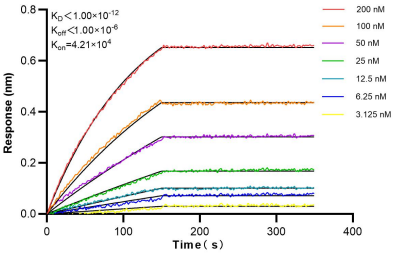
***** 20ul sizes contain 0.1% BSA**

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed LNCaP cells using REPS2 antibody (84016-4-RR, Clone: 241136D3) at dilution of 1:100 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 84016-4-RR against Human REPS2 were performed. The affinity constant is below 1 pM.