

For Research Use Only

ZFP161 / ZBTB14 Recombinant antibody

Catalog Number: 83909-5-RR



Basic Information

Catalog Number:

83909-5-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16125

GenBank Accession Number:

BC110519

GeneID (NCBI):

7541

UNIPROT ID:

O43829

Full Name:

zinc finger protein 161 homolog
(mouse)

Calculated MW:

449 aa, 51 kDa

Purification Method:

Protein A purification

CloneNo.:

240853G8

Recommended Dilutions:

IF/ICC 1:200-1:800

Applications

Tested Applications:

IF/ICC, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

IF/ICC : A549 cells,

Background Information

ZBTB14, also named as :ZFP161, ZNF478, is a 449 amino acid protein, which interacts with ZBTB21. ZBTB14, is a transcriptional activator of the dopamine transporter (DAT), binding it's promoter at the consensus sequence 5'-CCTGCACAGTTCACGGA-3'. ZBTB14 Binds to 5'-d(GCC)(n)-3' trinucleotide repeats in promoter regions and acts as a repressor of the FMR1 gene.

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

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

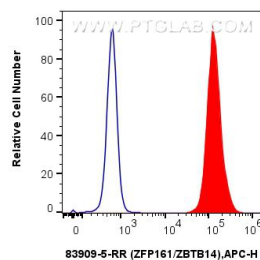
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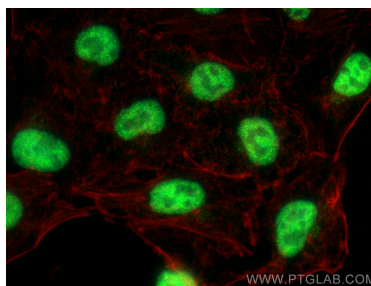
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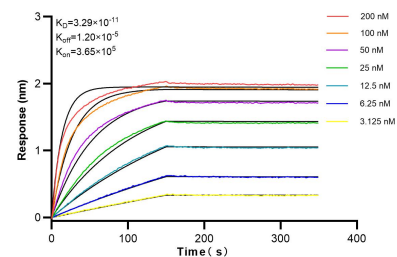
Selected Validation Data



1x10⁶ MCF-7 cells were intracellularly stained with 0.25 ug ZFP161 / ZBTB14 Recombinant antibody (83909-5-RR, Clone:240853G8) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using ZFP161 / ZBTB14 antibody (83909-5-RR, Clone: 240853G8) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 83909-5-RR against Human ZFP161 / ZBTB14 were performed. The affinity constant is 32.9 pM.