

For Research Use Only

ZFP161 / ZBTB14 Recombinant antibody

Catalog Number: 83909-4-RR



Basic Information

Catalog Number: 83909-4-RR	GenBank Accession Number: BC110519	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 7541	CloneNo.: 240853B12
Source: Rabbit	UNIPROT ID: O43829	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: zinc finger protein 161 homolog (mouse)	
Immunogen Catalog Number: AG16125	Calculated MW: 449 aa, 51 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications: WB, FC (Intra), ELISA	Positive Controls: WB : HEK-293T cells, L02 cells, Daudi cells, Jurkat cells, K-562 cells
Species Specificity: human	

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:

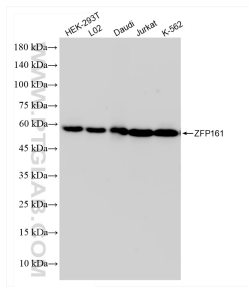
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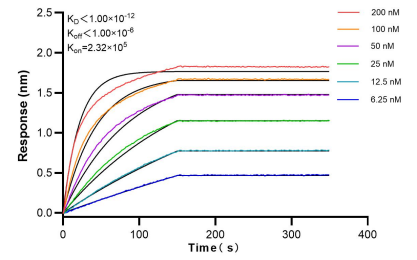
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83909-4-RR (ZFP161 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.

1x10⁶ MCF-7 cells were intracellularly stained with 0.25 ug ZFP161 / ZBTB14 Recombinant antibody (83909-4-RR, Clone:240853B12) 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.



Biolayer interferometry (BLI) kinetic assays of 83909-4-RR against Human ZFP161 / ZBTB14 were performed. The affinity constant is below 1 pM.