

For Research Use Only

ZAK Recombinant antibody, PBS Only

Catalog Number: 81161-2-PBS



Basic Information

Catalog Number: 81161-2-PBS	GenBank Accession Number: BC001401	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 51776	CloneNo.: 250559E6
Source: Rabbit	UNIPROT ID: Q9NYL2	
Isotype: IgG	Full Name: sterile alpha motif and leucine zipper containing kinase AZK	
Immunogen Catalog Number: AG30599	Calculated MW: 91 kDa	
	Observed MW: 91kDa, 51 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

ZAK(sterile-alpha motif and leucine zipper containing kinase AZK) is also named as MLTK, MAPKKK, mlklak, MLK7, AZK, MLT, MRK, HCCS-4, MAP3K20 and belongs to the MAPKKK family. It is a mitogen-activated protein kinase kinase kinase (MAP3K) that activates the stress-activated protein kinase/c-jun N-terminal kinase pathway and activates NF-kappaB. ZAK contributes to regulation of DNA damage checkpoints through a p38 gamma-independent pathway. This protein has 3 isoforms produced by alternative splicing with the MW of 91 kDa (ZAK alpha), 51 kDa (ZAK beta) and 35 kDa.

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, pH7.3

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

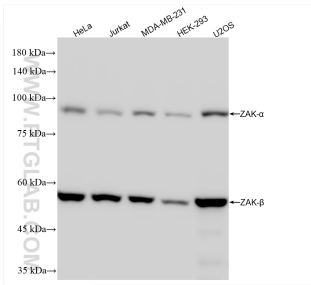
T: 4006900926

E: Proteintech-CN@ptglab.com

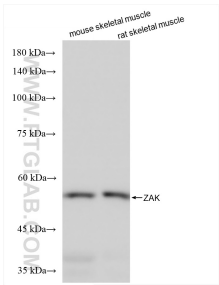
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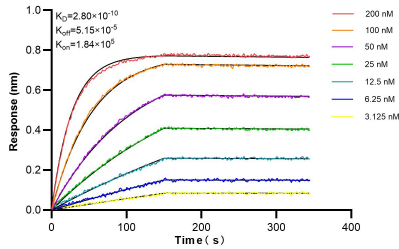
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 81161-2-RR (ZAK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81161-2-PBS in a different storage buffer formulation.



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Biolayer interferometry (BLI) kinetic assays of 81161-2-RR against Human ZAK were performed. The affinity constant is 0.28 nM.