

For Research Use Only

PIAS2 Recombinant antibody

Catalog Number: 84189-4-RR



Basic Information

Catalog Number: 84189-4-RR	GenBank Accession Number: BC015190	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9063	CloneNo.: 241474G8
Source: Rabbit	UNIPROT ID: O75928	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG	Full Name: protein inhibitor of activated STAT, 2	
Immunogen Catalog Number: AG9032	Calculated MW: 63 kDa, 69 kDa	
	Observed MW: 63-68 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells, mouse testis tissue, HeLa cells, HEK-293T cells
Species Specificity: human, mouse	

Background Information

PIAS2 functions as an E3-type small ubiquitin-like modifier (SUMO) ligase, stabilizing the interaction between UBE2I and the substrate, and as a SUMO-tethering factor. PIAS2 also plays a crucial role as a transcriptional coregulator in various cellular pathways, including the STAT pathway, the p53 pathway and the steroid hormone signaling pathway. PIAS2 has 3 isoforms produced by alternative splicing with the MW of 68 kDa, 63 kDa and 45 kDa.

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

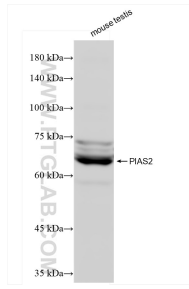
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

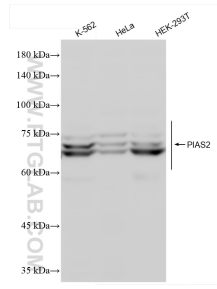
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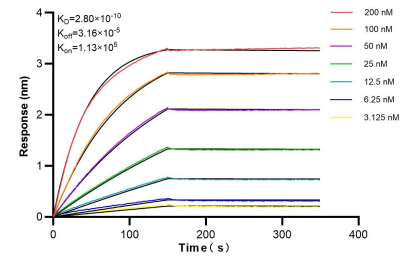
Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 84189-4-RR (PIAS2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 84189-4-RR (PIAS2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84189-4-RR against Human PIAS2 were performed. The affinity constant is 0.28 nM.