

For Research Use Only

HARBI1 Recombinant antibody

Catalog Number: 84482-4-RR



Basic Information

Catalog Number: 84482-4-RR	GenBank Accession Number: BC036925	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 283254	CloneNo.: 241915C10
Source: Rabbit	UNIPROT ID: Q96MB7	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Full Name: harbinger transposase derived 1	
Immunogen Catalog Number: AG34137	Calculated MW: 349 aa, 39 kDa	
	Observed MW: 39 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : THP-1 cells, Jurkat cells, K-562 cells
Species Specificity: human	

Background Information

HARBI1, also named as harbinger transposase derived 1, is predicted to enable metal ion binding activity and nuclease activity. HARBI1 is predicted to be involved in nucleic acid phosphodiester bond hydrolysis. [provided by Alliance of Genome Resources, Apr 2022] In plants, HARBI1 genes have developed new cellular functions to benefit the host, certain HARBI1 genes in rice and Arabidopsis thaliana (A. thaliana) have been reported to play critical roles in regulating plant growth and development.(PMID:37950159)

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:

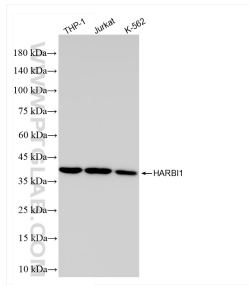
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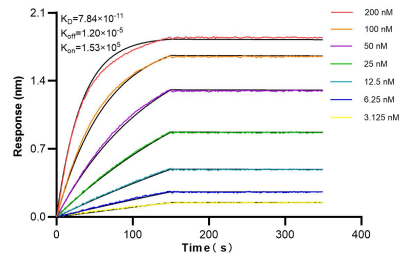
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84482-4-RR (HARBI 1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84482-4-RR against Human HARBI 1 were performed. The affinity constant is 78.4 pM.