

For Research Use Only

# HARBI1 Recombinant antibody

Catalog Number: 84482-4-RR



## Basic Information

<b>Catalog Number:</b> 84482-4-RR	<b>GenBank Accession Number:</b> BC036925	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 283254	<b>CloneNo.:</b> 241915C10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96MB7	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> harbinger transposase derived 1	
<b>Immunogen Catalog Number:</b> AG34137	<b>Calculated MW:</b> 349 aa, 39 kDa	
	<b>Observed MW:</b> 39 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : THP-1 cells, Jurkat cells, K-562 cells
<b>Species Specificity:</b> 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

\*\*\* 20ul sizes contain 0.1% BSA

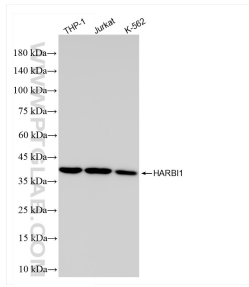
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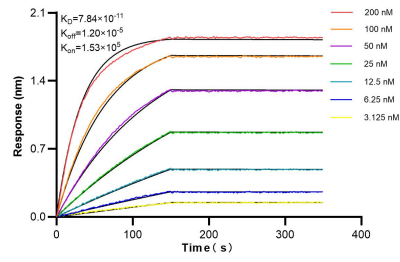
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## Selected Validation Data



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 HARBI1 were performed. The affinity constant is 78.4 pM.