

For Research Use Only

# HARBI1 Recombinant antibody, PBS Only

Catalog Number: 84482-4-PBS



## Basic Information

<b>Catalog Number:</b> 84482-4-PBS	<b>GenBank Accession Number:</b> BC036925	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 283254	<b>CloneNo.:</b> 241915C10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96MB7	
<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

**Tested Applications:**  
WB, Indirect ELISA  
**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)

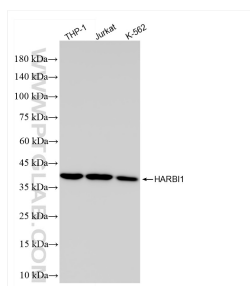
## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS Only

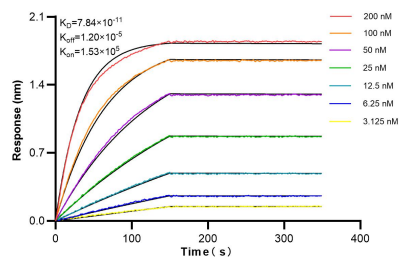
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84482-4-RR (HARBI1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84482-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84482-4-RR against Human HARBI1 were performed. The affinity constant is 78.4 pM.