

For Research Use Only

# LRRC41 Recombinant antibody, PBS Only

Catalog Number: 85012-4-PBS



## Basic Information

<b>Catalog Number:</b> 85012-4-PBS	<b>GenBank Accession Number:</b> BC004953	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10489	<b>CloneNo.:</b> 242380D2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q15345	
<b>Isotype:</b> IgG	<b>Full Name:</b> leucine rich repeat containing 41	
<b>Immunogen Catalog Number:</b> AG14266	<b>Calculated MW:</b> 812 aa, 87 kDa	
	<b>Observed MW:</b> 80-90 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

The leucine-rich repeat containing 41 (LRRC41), a protein-coding gene, is widely expressed across various tissues, such as the thyroid and ovary tissues, characterized by two sub-structural domains.

## Storage

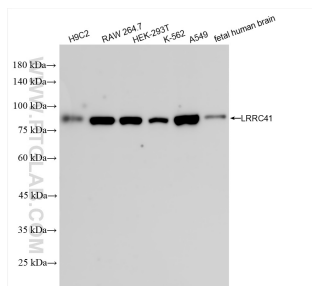
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

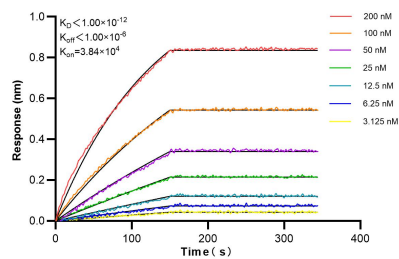
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85012-4-RR (LRRC41 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85012-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85012-4-RR against Human LRRC41 were performed. The affinity constant is below 1 pM.