

For Research Use Only

# FGD6 Recombinant antibody

Catalog Number:83296-4-RR



## Basic Information

<b>Catalog Number:</b> 83296-4-RR	<b>GenBank Accession Number:</b> BC013319	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55785	<b>CloneNo.:</b> 240260A6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6ZV73	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> FYVE, RhoGEF and PH domain containing 6	
<b>Immunogen Catalog Number:</b> AG22211	<b>Calculated MW:</b> 1430 aa, 161 kDa	
	<b>Observed MW:</b> 161 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : K-562 cells, A549 cells, Jurkat cells, HeLa cells, HEK-293 cells
<b>Species Specificity:</b> human	

## Background Information

FGD6, also known as ZFYVE24, is localized on the Homo sapiens chromosome 12q22 and consists of 1,400 amino acids. Previous studies have reported that variations in FGD6 increase individual susceptibility to polypoidal choroidal vasculopathy. It was also demonstrated that FGD6 coordinates cell polarity and endosomal membrane recycling in osteoclasts by regulating the assembly of different actin-based protein networks and activating Cdc42 at different locations.

## 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

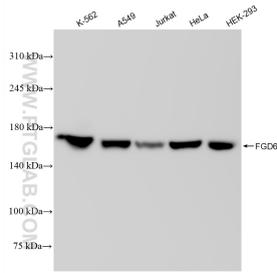
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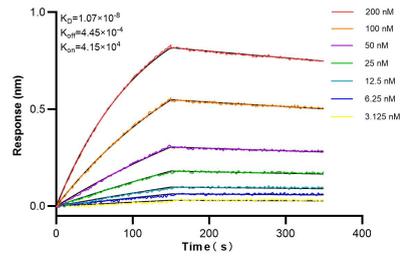
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83296-4-RR (FGD6 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83296-4-RR against Human FGD6 were performed. The affinity constant is 10.7 nM.