

For Research Use Only

# PGBD2 Polyclonal antibody

Catalog Number: 32839-1-AP



## Basic Information

<b>Catalog Number:</b> 32839-1-AP	<b>GenBank Accession Number:</b> NM_170725.2	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 500 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 267002	<b>Recommended Dilutions:</b> WB: 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6P3X8	
<b>Isotype:</b> IgG	<b>Full Name:</b> piggyBac transposable element derived 2	
<b>Immunogen Catalog Number:</b> AG38500	<b>Calculated MW:</b> 68kDa 592aa	
	<b>Observed MW:</b> 71 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A431 cells, MDA-MB-231 cells, Raji cells, MCF-7 cells
<b>Species Specificity:</b> human	

## Background Information

The piggyBac family of proteins, found in diverse animals, are transposases related to the transposase of the canonical piggyBac transposon from the moth, *Trichoplusia ni*. This family also includes genes in several genomes, including human, that appear to have been derived from the piggyBac transposons. This gene belongs to the subfamily of piggyBac transposable element derived (PGBD) genes. The PGBD proteins appear to be novel, with no obvious relationship to other transposases, or other known protein families. The exact function of this gene is not known. Two transcript variants encoding different isoforms have been found for this gene.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

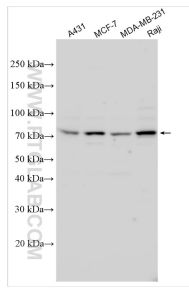
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32839-1-AP (PGD2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.