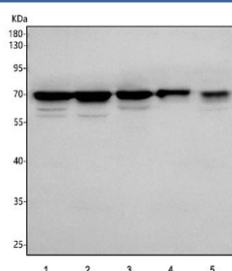


## PGBD4 Antibody / PiggyBac transposable element-derived protein 4 (RQ8771)

Catalog No.	Formulation	Size
RQ8771	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity chromatography
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q96DM1
<b>Applications</b>	Western Blot : 1-2ug/ml ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This PGBD4 antibody is available for research use only.



Western blot testing of 1) human A549, 2) human HepG2, 3) rat PC-12, 4) rat RH35 and 5) mouse RAW264.7 cell lysate with PGBD4 antibody. Predicted molecular weight ~67 kDa.

## Description

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.

## Application Notes

Optimal dilution of the PGBD4 antibody should be determined by the researcher.

## Immunogen

An E.coli-derived human recombinant protein (amino acids Q224-K446) was used as the immunogen for the PGBD4 antibody.

## Storage

After reconstitution, the PGBD4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.