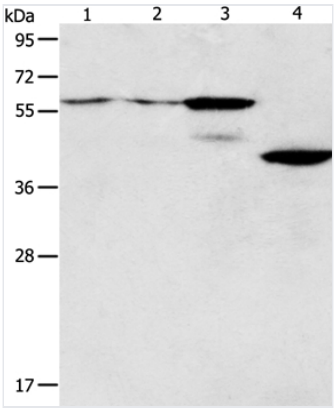
# PGBD2 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | PGBD2, Polyclonal Antibody |
| **Full Product Name** | PGBD2 Antibody |
| **Product Gene Name** | anti-PGBD2 antibody |
| **Product Synonym Names** | PGBD2; piggyBac transposable element derived 2; PiggyBac transposable element-derived protein 2 |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Mouse |
| **Form/Format** | Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol. |
| **Purity/Purification** | Antigen affinity purification. |
| **Concentration** | 1.1 mg/ml (lot specific) |
| **Specificity** | The antibody detects endogenous levels of total PGBD2 protein. |
| **Preparation and Storage** | Store at -20 degree C |
| **Molecular Weight** | 39,563 Da |
| **3D Structure** | ModBase 3D Structure for Q6P3X8 |
| **Immunogen Type** | Recombinant Protein |
| **Immunogen Description** | Fusion protein corresponding to residues near the C terminal of human PiggyBac transposable element derived 2 |
| **Target Name** | PGBD2 |
| **Product Categories/Family for anti-PGBD2 antibody** | Total protein Ab |
| **Applications Tested/Suitable for anti-PGBD2 antibody** | Western Blot (WB) |
| **Application Notes for anti-PGBD2 antibody** | Western blotting: 1:500-1:2000 |
| **Related Product Information for anti-PGBD2 antibody** | 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. |
| **Other Notes** | Small volumes of anti-PGBD2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for PGBD2 purchase** | MBS9406974 is an antibody targeting PGBD2. Also known as PGBD2 Antibody. Reactive in Human, Mouse. Host: Rabbit. |




**Testing Data of anti-PGBD2 antibody**
Gel: 10%SDS-PAGE Lysates (from left to right): A375 and A172 cell, mouse pancreas tissue, human liver cancer tissue Amount of lysate: 40ug per lane Primary antibody: 1/550 dilution Secondary antibody dilution: 1/8000 Exposure time: 20 seconds

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PGBD2. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 62953123 |
| **NCBI GeneID** | 267002 |
| **NCBI Accession #** | NP_001017434.1 |
| **UniProt Primary Accession #** | Q6P3X8 |
| **UniProt Secondary Accession #** | Q6MZF8; B3KVR8 |
| **UniProt Related Accession #** | Q6P3X8 |
| **GenBank Nucleotide #** | NM_001017434.1 |
| **NCBI Official Full Name** | piggyBac transposable element-derived protein 2 isoform b |
| **NCBI Official Synonym Full Names** | piggyBac transposable element derived 2 |
| **NCBI Official Symbol** | PGBD2 |
| **UniProt Protein Name** | PiggyBac transposable element-derived protein 2 |
| **Protein Family** | PiggyBac transposable element-derived protein |
| **UniProt Gene Name** | PGBD2 |
| **UniProt Entry Name** | PGBD2_HUMAN |
| **NCBI Protein Information** | piggyBac transposable element-derived protein 2 |
| **UniProt Comments for PGBD2** | PGBD2: 2 isoforms of the human protein are produced by alternative splicing.<br><br>Chromosomal Location of Human Ortholog: 1q44 |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |

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