

PGBD2 polyclonal antibody

Catalog # PAB7425

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of PGBD2.
Immunogen	A synthetic peptide corresponding to human PGBD2.
Sequence	C-ESNADTTSQGRRSRR
Host	Goat
Theoretical MW (kDa)	39.6, 68
Specificity	This antibody is expected to recognize both reported isoforms (NP_001017434.1, NP_733843.1)
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:16000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PGBD2

Entrez GeneID [267002](#)

Protein Accession# [NP_001017434.1;NP_733843.1](#)

Gene Name PGBD2

Gene Alias -

Gene Description piggyBac transposable element derived 2

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000038246|hypothetical protein LOC267002

Publication Reference

- [piggyBac is a flexible and highly active transposon as compared to sleeping beauty, Tol2, and Mos1 in mammalian cells.](#)

Wu SC, Meir YJ, Coates CJ, Handler AM, Pelczar P, Moisyadi S, Kaminski JM.

PNAS 2006 Oct; 103(41):15008.