

Product datasheet for **CF810380**

PGBD3 Mouse Monoclonal Antibody [Clone ID: OTI4G9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4G9
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 313-593 of human PGBD3 (NP_736609) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	67.4 kDa
Gene Name:	piggyBac transposable element derived 3
Database Link:	NP_736609 Entrez Gene 267004 Human Q8N328



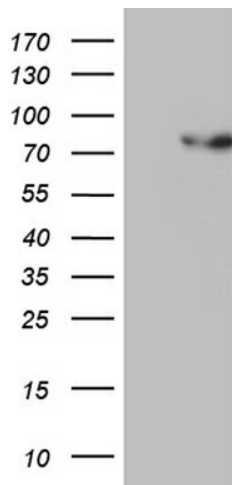
[View online »](#)

Background:

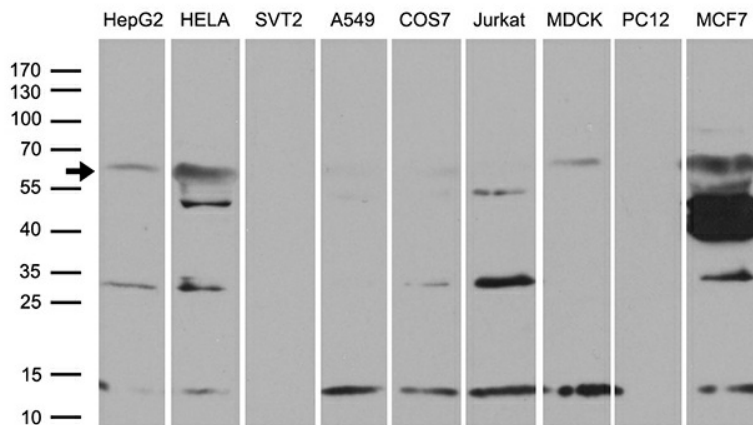
This gene is a member of a small family of genes derived from piggyBac transposable elements. The encoded protein contains a zinc-ribbon domain characteristic of transposon-derived proteins and may function as a regulator of transcription. Naturally-occurring readthrough transcription occurs between this gene and the adjacent ERCC6 gene (GeneID 2074), and results in a fusion protein that shares sequence with the product of each individual gene. The readthrough locus is represented by GeneID:101243544. There are several pseudogenes for this gene on chromosomes 4, 5 and 12. [provided by RefSeq, Mar 2013]

Synonyms:

FLJ90201

Product images:


HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY PGBD3 (Cat# [RC208977], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PGBD3 (Cat# [TA810380])(1:2000). Positive lysates [LY406870] (100ug) and [LC406870] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PGBD3 monoclonal antibody (1:500).