

DATASHEET

PGBD1 Rabbit Polyclonal Antibody

CAT. NO. APA16477

KEY FEATURES

Target	PGBD1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Transposase-derived from PiggyBac DNA transposons. Although it has been fully domesticated and lacks transposase activity, PGBD1 has acquired DNA-binding capability. It preferentially binds in and around genes involved in neuronal development, leading to their transcriptional pausing. Notably, PGBD1 suppresses paraspeckle assembly in neuronal cells.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

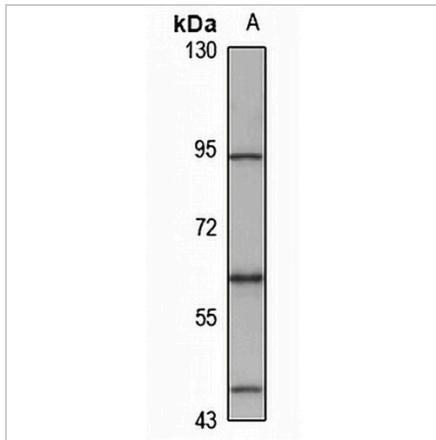
Description	Rabbit polyclonal antibody to PGBD1
Specificity	Recognizes endogenous levels of PGBD1 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human PGBD1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 92 kD; Observed: 93 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	PiggyBac transposable element-derived protein 1; Cerebral protein 4
Gene Symbol	PGBD1
Entrez Gene	84547(Human)
SwissProt	Q96JS3(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of PGBD1 expression in U87MG (A) whole cell lysates. (Predicted band size: 92 kD; Observed band size: 93 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.