

Product datasheet for **TA324058**

PGBD1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human gastric cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from C terminal 250 amino acids of human piggyBac transposable element derived 1
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	piggyBac transposable element derived 1
Database Link:	NP_115896 Entrez Gene 84547 Human Q96JS3



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Background:

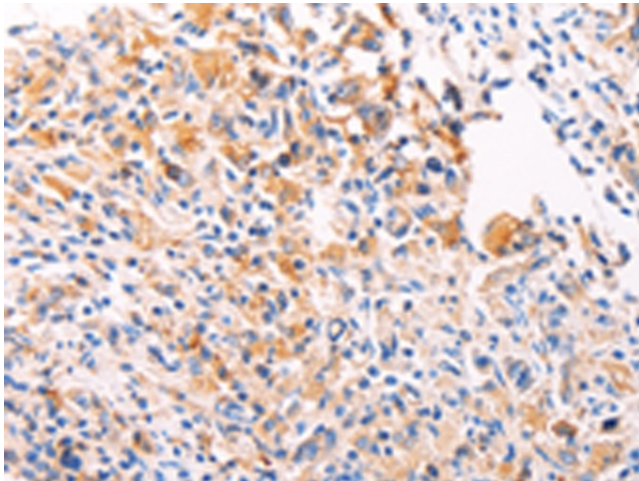
The piggyBac family of proteins; found in diverse animals; are transposases related to the transposase of the canonical piggyBac transposon from the moth; *Trichoplusia ni*. This family also includes genes in several genomes; including human; that appear to have been derived from the piggyBac transposons. 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. This gene product is specifically expressed in the brain; however; its exact function is not known. Alternative splicing results in multiple transcript variants encoding the same protein.

Synonyms:

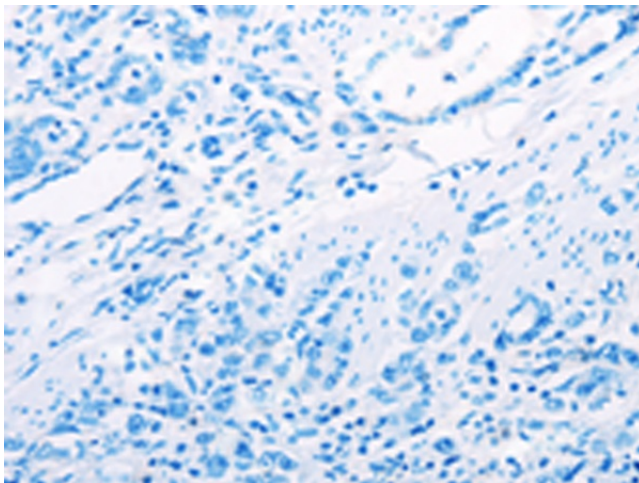
dj874C20.4; HUCEP-4; SCAND4

Protein Families:

Druggable Genome, Transcription Factors

Product images:

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA324058 (PGBD1 Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA324058 (PGBD1 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)