

PGBD1 Rabbit pAb

Catalog No.: A17794

Basic Information

Observed MW

93kDa

Calculated MW

93kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

84547

Swiss Prot

Q96JS3

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 150-450 of human PGBD1 (NP_115896.1).

Synonyms

SCAND4; HUCEP-4; dJ874C20.4; PGBD1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

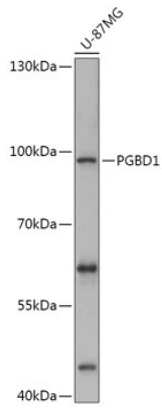
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from U-87MG cells, using PGBD1 Rabbit pAb (A17794) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 15s.