

PCDHGB7 Polyclonal antibody

Catalog Number: 30040-1-AP

Basic Information

Catalog Number:

30040-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32511

GenBank Accession Number:

BC051788

GeneID (NCBI):

56099

UNIPROT ID:

Q9Y5F8

Full Name:

protocadherin gamma subfamily B, 7

Observed MW:

105 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : Jurkat cells, SH-SY5Y cells, T-47D cells, U-87 MG cells

Background Information

PCDHGB7 is a member of the protocadherins, which have been demonstrated to inhibit tumorigenesis and cancer progression by inducing cell cycle arrest and apoptosis. Previous studies confirmed that PCDHGB7 plays roles in the process of self-recognition and mutual recognition between synapses, the movement of synapses, and the establishment of the nervous system network (PMID: 17936607). In humans, PCDHGB7 is predominantly expressed in the brain, spleen, heart, endometrium, esophagus, gall bladder, urinary bladder, and prostate (PMID: 31379979).

Storage

Storage:

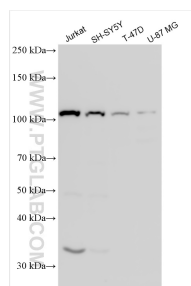
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 30040-1-AP (PCDHGB7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.