

PEN2 Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11874
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human PEN2
Mol wt	11110
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	PEN2
Synonyms	PEN2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Presenilins| which are components of the gamma-secretase protein complex| are required for intramembranous processing of some type I transmembrane proteins| such as the Notch proteins and the beta-amyloid precursor protein. Signaling by Notch receptors mediates a wide range of developmental cell fates. Processing of the beta-amyloid precursor protein generates neurotoxic amyloid beta peptides| the major component of senile plaques associated with Alzheimer's disease. This gene encodes a protein that is required for Notch pathway signaling| and for the activity and accumulation of gamma-secretase. Mutations resulting in haploinsufficiency for this gene cause familial acne inversa-2 (ACNINV2). Alternative splicing results in multiple transcript variants.

Recommended Dilution

IHC-p: 1: 50 - 1: 200

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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