

PEN2 rabbit pAb

Cat No.:ES14162

For research use only

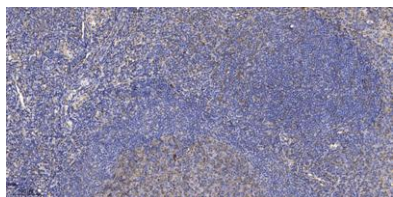
Overview

Product Name	PEN2 rabbit pAb
Host species	Rabbit
Applications	IHC;IF
Species Cross-Reactivity	Human; Mouse;Rat
Recommended dilutions	IHC-p 1: 50-200
Immunogen	Synthesized peptide derived from human PEN2 AA range: 51-101
Specificity	This antibody detects endogenous levels of PEN2 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	PEN2
Gene Name	PSENEN PEN2 MDS033
Cellular localization	Endoplasmic reticulum membrane ; Multi-pass membrane protein . Golgi apparatus, Golgi stack membrane ; Multi-pass membrane protein . Cell membrane ; Multi-pass membrane protein . Membrane ; Multi-pass membrane protein . Predominantly located in the endoplasmic reticulum
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	55851
Human Swiss-Prot Number	Q9NZ42
Alternative Names	
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. [provided by RefSeq, Jul 2013],



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

