



Anti-PION (aa 536-565) polyclonal antibody (CABT-BL2902)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide conjugated to KLH, corresponding to a region within C terminal amino acids 536-565 of Human PION.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Cellular Localization	Golgi apparatus; trans-Golgi network.
Format	Liquid
Buffer	99% PBS
Preservative	0.09% Sodium Azide
Storage	Store at 4°C (up to 6 months). For long term storage store at -20°C

BACKGROUND

Introduction	Accumulation of neurotoxic amyloid-beta is a major hallmark of Alzheimer disease (AD; MIM 104300). Formation of amyloid-beta is catalyzed by gamma-secretase (see PSEN1; MIM 104311), a protease with numerous substrates. PION, or GSAP, selectively increases amyloid-
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beta production through a mechanism involving its interaction with both;gamma-secretase and its substrate, the amyloid-beta precursor protein (APP; MIM 104760) C-terminal fragment (APP-CTF);(He et al., 2010 (PubMed 20811458)).

GENE INFORMATION

Entrez Gene ID	54103
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Protein Refseq	NP_059135
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UniProt ID	A4D1B5
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