

Anti-PACAP38 Antibody

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Store at low temperature
Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Anti-PACAP38 Antibody represents a highly specialized monoclonal antibody specifically engineered to target the human pituitary adenylate cyclase-activating polypeptide 38 isoform with exceptional binding affinity and selectivity, effectively facilitating the measurable neutralization of ligand-mediated signaling within the GPCR/G Protein pathway to evaluate its functional role in neurovascular regulation during strictly monitored laboratory observation periods and functional cyclic AMP accumulation assays to ensure high experimental sensitivity.
Targets(IC50)	PACAP
In vitro	In cell-based reporter assays, Anti-PACAP38 Antibody (ALD1910) potently neutralized PACAP38-induced cAMP production with high affinity [1].
In vivo	In rat models of vasodilation, systemic administration of Anti-PACAP38 Antibody (ALD1910) significantly inhibited PACAP38-induced increases in meningeal blood flow [1].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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