

bs-11504R-PE**[Conjugated Primary Antibody]****Bioss**
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ATRNL1 Polyclonal Antibody, PE Conjugated

— DATASHEET

Host: Rabbit**Target Protein:** ATRNL1**Clonality:** Polyclonal**Isotype:** IgG**Source:** KLH conjugated synthetic peptide derived from human ATRNL1**Purification:** Purified by Protein A.**Storage:** Aqueous buffered solution containing 100ug/ml BSA, 50% glycerol and 0.09% sodium azide.
Store at 4°C for 12 months.

Background: ATRNL1 is a 1,379 amino acid single-pass type I membrane protein that may play a role in melanocortin signaling pathways that regulate energy homeostasis. The ATRNL1 protein contains a C-type lectin domain, a CUB domain, two EGF-like domains, six Kelch repeats, two laminin EGF-like domains and five PSI domains. ATRNL1 interacts with MC4-R in several regions known to be important in the regulation of energy homeostasis by melanocortins, such as the paraventricular nucleus of hypothalamus and the dorsal motor nucleus of the vagus. The ATRNL1 gene is conserved in dog, cow, mouse, rat, chicken, zebrafish and C. elegans, exists as two alternatively spliced isoforms and maps to human chromosome 10q25.3. Strong evidence of linkage to late-onset Alzheimer disease (LOAD) is linked to chromosome 10, which implicates a wide region and at least one disease-susceptibility locus.

Conjugation: PE**Excitation/ Emission:** 480,565nm/578nm**Size:** 100ul**Concentration:** 1ug/ul**Applications:** FCM(1:20-100)**Cross Reactive Species:** Human
Mouse
Rat

For research use only. Not intended for diagnostic or therapeutic use.