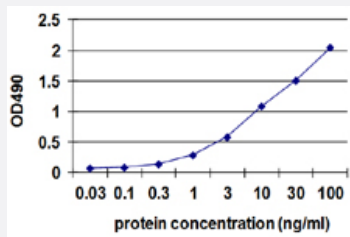


APLN (Human) Matched Antibody Pair

Catalog # H00008862-AP41 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 0.1 ng/ml to 100 ng/ml.

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human APLN.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (81)
Quality Control Testing	Standard curve using recombinant protein (H00008862-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 0.1 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: mouse monoclonal anti-APLN, IgG1 Kappa (100 ug) 2. Detection antibody: biotinylated mouse monoclonal anti-APLN, IgG2a Kappa (50 ug) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

[Protocol Download](#)

Gene Info — APLN

Entrez GeneID	8862
Gene Name	APLN
Gene Alias	XNPEP2
Gene Description	apelin
Omim ID	300297
Gene Ontology	Hyperlink
Gene Summary	Apelin is a neuropeptide expressed in the supraoptic and paraventricular nuclei that acts on specific receptors located on vasopressinergic neurons (De Mota et al., 2004) [PubMed 15231996].[supplied by OMIM]
Other Designations	apelin, AGTRL1 ligand peptide ligand for APJ receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Hypertension](#)