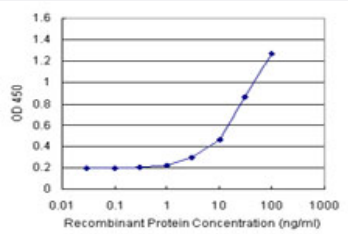
EDN3 (Human) Matched Antibody Pair

Catalog # H00001908-AP11 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 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 EDN3.
Reactivity	Human
Quality Control Testing	Standard curve using recombinant protein (H00001908-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-EDN3 (100 ug) 2. Detection antibody: mouse monoclonal anti-EDN3, IgG1 Kappa (20 ug) *Reagents are sufficient for at least 1-2 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 tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

Protocol Download

Gene Info — EDN3

Entrez GeneID	1908
Gene Name	EDN3
Gene Alias	ET3, MGC15067, MGC61498
Gene Description	endothelin 3
Omim ID	131242 142623 209880 277580
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the endothelin family. Endothelins are endothelium-derived vasoactive peptides involved in a variety of biological functions. The active form of this protein is a 21 amino acid peptide processed from the precursor protein. The active peptide is a ligand for endothelin receptor type B (EDNRB). The interaction of this endothelin with EDNRB is essential for development of neural crest-derived cell lineages, such as melanocytes and enteric neurons. Mutations in this gene and EDNRB have been associated with Hirschsprung disease (HSCR) and Waardenburg syndrome (WS), which are congenital disorders involving neural crest-derived cells. Four alternatively spliced transcript variants encoding three distinct isoforms have been observed. [provided by RefSeq
Other Designations	OTTHUMP00000031420|truncated endothelin 3

Pathway

- Hypertrophic cardiomyopathy (HCM)
- Neuroactive ligand-receptor interaction
- Vascular smooth muscle contraction

Disease

- Cardiovascular Diseases
- Cystic Fibrosis
- Diabetes Mellitus
- Down Syndrome
- Edema

- Genetic Predisposition to Disease
- Hirschsprung Disease
- Sleep Apnea