

Intelectin-1/ITLN1/Omentin Polyclonal Antibody(Capture/Detector)

catalog number: AN000600P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

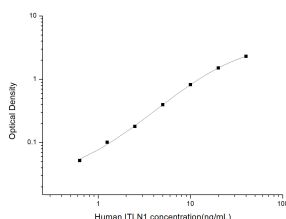
Reactivity	Human
Immunogen	Recombinant Human Intelectin-1/ITLN1/Omentin protein expressed by E.coli
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% Proclin300.

Applications

Recommended Dilution

ELISA Capture	2-8 µg/mL
ELISA Detector	0.1-0.4 µg/mL

Data



Sandwich ELISA-Recombinant Human Intelectin-1/ITLN1/Omentin protein standard curve. Background subtracted standard curve using Intelectin-1/ITLN1/Omentin antibody(AN000600P) (Capture), Intelectin-1/ITLN1/Omentin antibody(AN000600P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human Intelectin-1/ITLN1/Omentin protein is 0.63-40 ng/mL.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

ITLN1, also named as Intelectin 1, has no effect on basal glucose uptake but enhances insulin-stimulated glucose uptake in adipocytes. ITLN1 is a glycoprotein made up of three 40 kDa subunits cross-linked by disulfide bonds making up a 120-kDa homo-trimer of 295 amino acids and N-linked oligosaccharides (PMID: 17621593). It may play a role in the defense system against microorganisms. Human intelectin-1 is expressed in intestinal goblet cells, and is present at about 200 ng/mL in serum. Intelectin-1 was also shown to be expressed in human endothelial cells and adipocytes of human abdominal adipose tissue.

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