

Rabbit Anti-FGF21/AP Conjugated antibody

SL2318R-AP

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| Product Name | Anti-FGF21/AP |
| Chinese Name | 碱性磷酸酶（AP）标记的成纤维细胞生长因子 21 抗体 |
| Alias | FGF 21; FGF21; FGF-21; FGFL; Fibroblast growth factor 21. |
| Research Area | Tumour Cell biology immunology Signal transduction Growth factors and hormones transcriptional regulatory factor |
| Immunogen Species | Rabbit |
| Clonality | Polyclonal |
| React Species | Rat(predicted:Human,Mouse,Dog,Pig,Cow) IHC-P=1:50-200 IHC-F=1:50-200 |
| Applications | not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight | 20kDa |
| Form | Lyophilized or Liquid |
| Concentration | 1mg/ml |
| immunogen | KLH conjugated synthetic peptide derived from human FGF21 |
| Lsotype | IgG |
| Purification | affinity purified by Protein A |
| Storage Buffer | 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| Storage | |
| Product Detail | background: FGF21 is a growth factor that is a member of the FGF family. Proteins of this family play a central role during prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF21, in the presence of betaKlotho as a protein cofactor, signals through the FGFR 1c and 4 receptors and stimulates insulin independent glucose uptake by adipocytes. |

Function:

Stimulates glucose uptake in differentiated adipocytes via the induction of glucose transporter SLC2A1/GLUT1 expression (but not SLC2A4/GLUT4 expression). Activity requires the presence of KLB.

Subcellular Location:

Secreted.

Tissue Specificity:

Stimulates glucose uptake in differentiated adipocytes via the induction of glucose transporter SLC2A1/GLUT1 expression (but not SLC2A4/GLUT4 expression). Activity requires the presence of KLB.

Database links:

[Entrez Gene: 26291](#) Human

[Entrez Gene: 56636](#) Mouse

[Entrez Gene: 170580](#) Rat

[Oimim: 609436](#) Human

[SwissProt: Q9NSA1](#) Human

[SwissProt: Q9JJN1](#) Mouse

[Unigene: 283015](#) Human

[Unigene: 143736](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.