

GDF15 Rabbit mAb

Catalog No.: A22097 **Recombinant**

Basic Information

Observed MW

15kDa/35kDa

Calculated MW

34kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

CloneNo number

ARC55565

Background

This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. The protein is expressed in a broad range of cell types, acts as a pleiotropic cytokine and is involved in the stress response program of cells after cellular injury. Increased protein levels are associated with disease states such as tissue hypoxia, inflammation, acute injury and oxidative stress.

Recommended Dilutions

WB 1:1000 - 1:5000

Immunogen Information

Gene ID

9518

Swiss Prot

Q99988

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human GDF15 (NP_004855.2).

Synonyms

PDF; MIC1; PLAB; MIC-1; NAG-1; PTGFB; GDF-15; GDF15

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

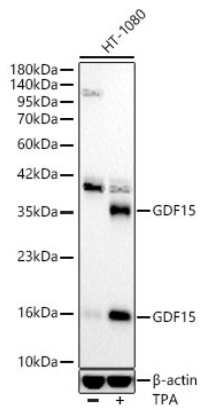
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from HT-1080 cells, using GDF15 Rabbit mAb (A22097) at 1:2000 dilution. HT-1080 cells were treated by PMA/TPA (200 nM) at 37°C for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45s.