

## Product datasheet for **TA384293S**

### **GDF15 Rabbit Monoclonal Antibody [Clone ID: R04-8I1]**

#### **Product data:**

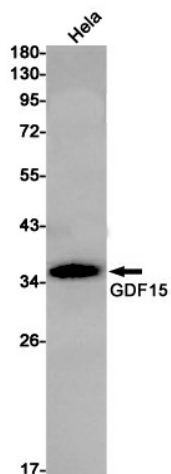
|                                |   |
|--------------------------------|---|
| <b>Product Type:</b>           | Primary Antibodies  |
| <b>Clone Name:</b>             | R04-8I1   |
| <b>Applications:</b>           | WB  |
| <b>Recommended Dilution:</b>   | WB: 1/1000  |
| <b>Reactivity:</b>             | Human   |
| <b>Host:</b>                   | Rabbit  |
| <b>Isotype:</b>                | IgG   |
| <b>Clonality:</b>              | Monoclonal  |
| <b>Immunogen:</b>              | A synthetic peptide of human GDF15  |
| <b>Formulation:</b>            | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA   |
| <b>Concentration:</b>          | lot specific  |
| <b>Purification:</b>           | Affinity Purified   |
| <b>Conjugation:</b>            | Unconjugated  |
| <b>Storage:</b>                | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  |
| <b>Stability:</b>              | 1 year  |
| <b>Predicted Protein Size:</b> | Calculated MW: 34 kDa; Observed MW: 34 kDa  |
| <b>Gene Name:</b>              | growth differentiation factor 15  |
| <b>Database Link:</b>          | <a href="#">Entrez Gene 9518 Human Q99988</a>   |
| <b>Background:</b>             | Swiss-Prot Acc.Q99988.Regulates food intake, energy expenditure and body weight in response to metabolic and toxin-induced stresses (PubMed:28953886, PubMed:28846097, PubMed:28846098, PubMed:28846099, PubMed:23468844, PubMed:29046435). Binds to its receptor, GFRAL, and activates GFRAL-expressing neurons localized in the area postrema and nucleus tractus solitarius of the brainstem (PubMed:28953886, PubMed:28846097, PubMed:28846098, PubMed:28846099). It then triggers the activation of neurons localized within the parabrachial nucleus and central amygdala, which constitutes part of the 'emergency circuit' that shapes feeding responses to stressful conditions (PubMed:28953886). On hepatocytes, inhibits growth hormone signaling . |



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Synonyms: GDF-15; MIC-1; MIC1; NAG-1; NRG-1; PDF; PLAB; PTGF-beta; PTGFB

### Product images:



Western blot detection of GDF15 in HeLa cell lysates using GDF15 Rabbit mAb(1:1000 diluted). Predicted band size:34kDa. Observed band size:34kDa.