

产品名称: GDF15 (6F3) Rabbit Monoclonal Antibody
产品货号: AMRe11381



产品概述 (Summary)

产品名称 (Production Name)	GDF15 (6F3) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GDF15
别名 (Alternative Names)	GDF-15; growth differentiation factor 15; MIC-1; MIC1; NAG-1; PDF; PLAB; PTGFB;
基因 ID (Gene ID)	9518.0
蛋白 ID (SwissProt ID)	Q99988.A synthetic peptide of human GDF15

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000
蛋白分子量 (Molecular Weight)	34kDa

研究背景 (Background)

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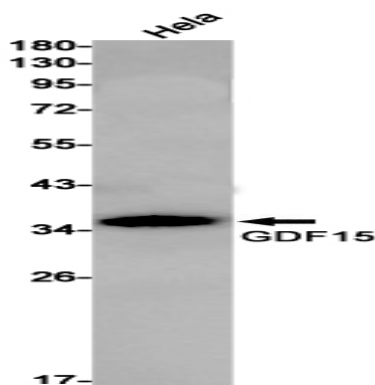


Highly expressed in placenta, with lower levels in prostate and colon and some expression in kidney. Regulates food intake, energy expenditure and body weight in response to metabolic and toxin-induced stresses (PubMed:28953886, PubMed:28846097, PubMed:28846098, PubMed:28846099, PubMed:23468844, PubMed:29046435). 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 (By similarity).

研究领域 (Research Area)

Cell Biology

图片 (Image Data)



Western blot detection of GDF15 in HeLa cell lysates using GDF15 antibody(1:1000 diluted).

注意事项 (Note)

For research use only .