SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GDF15 Polyclonal Antibody

Catalog Number: SLA0039

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
GeneID:	9518
SWISS:	Q99988
Target:	GDF15
Immunogen:	KLH conjugated synthetic peptide derived from human GDF15
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	12.5/34 kDa
Subcellular Location:	Secreted
Background:	Growth differentiation factor 15 (GDF15) is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. It has been implicated in a variety of functions directly related to tumorigenicity including antiproliferative and pro-apoptotic effects. BMP proteins are secreted growth factors that are characterized by seven conserved cysteine residues. In general, they are regulators of cell growth and differentiation in both embryonic and adult tissues. GDF15 is an important downstream mediator of DNA damage signaling and a transcriptional target of p53.

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

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[VALIDATION IMAGES]

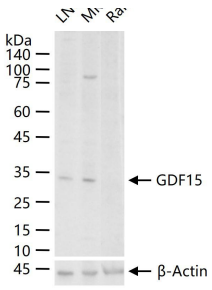


Figure 1. 25 ug total protein per lane of various lysates (see on figure) probed with GDF15 polyclonal antibody, unconjugated (SLA0039) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.
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