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GDF-3 Polyclonal Antibody

Catalog # AP73829

Product Information

Application	WB, E
Primary Accession	Q9NR23
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41387

Additional Information

Gene ID	9573
Other Names	GDF3; Growth/differentiation factor 3; GDF-3
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

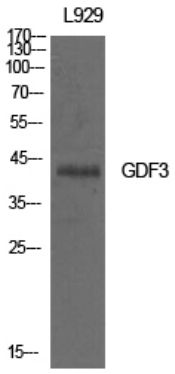
Name	GDF3
Function	Growth factor involved in early embryonic development and adipose-tissue homeostasis. During embryogenesis controls formation of anterior visceral endoderm and mesoderm and the establishment of anterior-posterior identity through a receptor complex comprising the receptor ACVR1B and the coreceptor CRIPTO (By similarity). Regulates adipose-tissue homeostasis and energy balance under nutrient overload in part by signaling through the receptor complex based on ACVR1C and CRIPTO/Cripto (PubMed:21805089).
Cellular Location	Secreted. Cytoplasm. Note=Mainly accumulated in the cytoplasm

Background

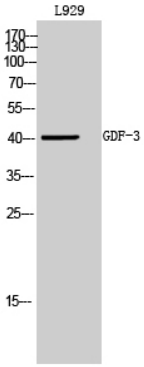
Growth factor involved in early embryonic development and adipose-tissue homeostasis. During embryogenesis controls formation of anterior visceral endoderm and mesoderm and the establishment of anterior-posterior identity through a receptor complex comprising the receptor ACVR1B and the coreceptor TDGF1/Cripto (By similarity). Regulates adipose-tissue homeostasis and energy balance under nutrient

overload in part by signaling through the receptor complex based on ACVR1C and TDGF1/Cripto (PubMed:21805089).

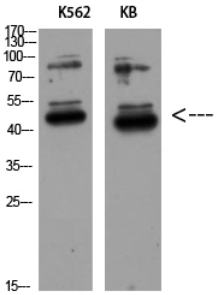
Images



Western Blot analysis of L929 cells using GDF-3 Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000



Western Blot analysis of L929 cells using GDF-3 Polyclonal Antibody diluted at 1：500. Secondary antibody was diluted at 1:20000



Western Blot analysis of K562 KB using GDF-3 Polyclonal Antibody diluted at 1:500. Secondary antibody was diluted at 1:20000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.