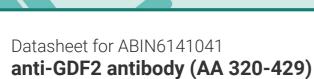
antibodies - online.com







Image



Isotype:

Cross-Reactivity:

Characteristics:

Purification:

lgG

Human, Mouse, Rat

Polyclonal Antibodies

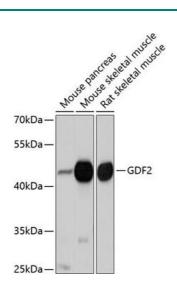
Affinity purification

Overview	
Quantity:	100 μL
Target:	GDF2
Binding Specificity:	AA 320-429
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GDF2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 320-429 of human GDF2 (NP_057288.1).
Sequence:	SAGAGSHCQK TSLRVNFEDI GWDSWIIAPK EYEAYECKGG CFFPLADDVT PTKHAIVQTL

VHLKFPTKVG KACCVPTKLS PISVLYKDDM GVPTLKYHYE GMSVAECGCR

Target Details

Target:	GDF2
Alternative Name:	GDF2 (GDF2 Products)
Background:	The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family
	and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic
	processing site which is cleaved to produce a mature protein containing seven conserved
	cysteine residues. The members of this family are regulators of cell growth and differentiation
	in both embryonic and adult tissues. Studies in rodents suggest that this protein plays a role in
	the adult liver and in differentiation of cholinergic central nervous system neurons. Mutations in
	this gene are associated with hereditary hemorrhagic telangiectasia.,GDF2,BMP-
	9,BMP9,HHT5,Cell Biology & Developmental Biology,Growth factor,Immunology &
	Inflammation,Cytokines,GDF2
Molecular Weight:	47 kDa
Gene ID:	2658
UniProt:	Q9UK05
Pathways:	Transition Metal Ion Homeostasis
Application Details	
Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using GDF2 antibody (ABIN6127500, ABIN6141041, ABIN6141042 and ABIN6214818) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 μg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 5s.