

Datasheet for ABIN453663

anti-GDF10 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	GDF10
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the Center region of human GDF10
Specificity:	This antibody reacts to BMP3B.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	GDF10
Alternative Name:	BMP3B / GDF10 (GDF10 Products)
Background:	GDF10 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 mice suggest that the protein encoded by this gene plays a role in

Target Details

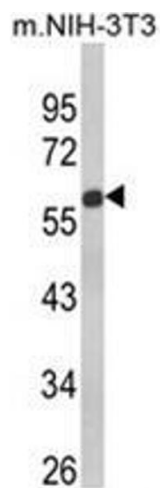
	skeletal morphogenesis.Synonyms: BIP, Bone morphogenetic protein 3b, Bone-inducing protein, GDF-10, Growth/differentiation factor 10
Gene ID:	2662
NCBI Accession:	NP_004953
UniProt:	P55107

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of GDF10 Antibody (Center) in NIH-3T3 cell line lysates (35ug/lane). GDF10 (arrow) was detected using the purified Pab.