

Datasheet for ABIN576108
anti-GDF2 antibody (AA 87-98)



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Overview

Quantity:	1 mL
Target:	GDF2
Binding Specificity:	AA 87-98
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GDF2 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Synthetic peptide corresponding to the amino acids 87 - 98 of the native molecule conjugated to keyhole limpet hemocyanin. Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Recognizes Human BMP9 (Bone Morphogenic Protein), a member of the TGF-beta superfamily. BMPs act through binding with a receptor complex consisting of type I and type II serine/threonine kinases, resulting ultimately in the activation of the Smad protein and mitogen-activated protein kinase (MAPK) signaling pathways. Several antagonist proteins, including, noggin, chordin, gremlin and follistatin, are responsible for modulating the signaling effects of BMPs, through the binding and blocking of receptor ligands, thereby preventing activation.

Product Details

Purification: Protein G purified

Target Details

Target: GDF2

Alternative Name: GDF2 / BMP9 ([GDF2 Products](#))

Background: Name/Gene ID: GDF2
Family: TGF beta

Synonyms: GDF2, BMP-9, BMP9, GDF-2, Bone morphogenetic protein 9

Gene ID: 2658

Pathways: [Transition Metal Ion Homeostasis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.2, 0.09 % 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.