

Datasheet for ABIN2477688
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:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Synthetic peptide corresponding to the amino acids 87-98 of the native molecule conjugated to keyhole limpet haemocyanin.
Isotype:	IgG
Specificity:	This antibody recognises 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

Characteristics:	Purified IgG
Purification:	Purified

Target Details

Target:	GDF2
Alternative Name:	BMP-9 (GDF2 Products)
Background:	Synonyms: GROWTH DIFFERENTIATION FACTOR 2
Gene ID:	2658
UniProt:	Q9UK05
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	5.0 mg/mL