Datasheet for ABIN7154559

anti-GDF9 antibody (AA 320-454) (Biotin)

Go to Product page

Overview

Quantity:	100 µg
Target:	GDF9
Binding Specificity:	AA 320-454
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GDF9 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Growth/differentiation factor 9 protein (320-454AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GDF9
Alternative Name:	GDF9 (GDF9 Products)
Background:	Background: Required for ovarian folliculogenesis. Promotes primordial follicle development. Stimulates granulosa cell proliferation. Promotes cell transition from G0/G1 to S and G2/M

Target Details

	phases, through an increase of CCND1 and CCNE1 expression, and RB1 phosphorylation. It regulates STAR expression and cAMP-dependent progesterone release in granulosa and thecal cells. Attenuates the suppressive effects of activin A on STAR expression and progesterone production by increasing the expression of inhibin B. It suppresses FST and FSTL3 production in granulosa-lutein cells. Aliases: GDF9Growth/differentiation factor 9 antibody, GDF-9 antibody
UniProt:	O60383

Application Details

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

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.