

Datasheet for ABIN952487  
**anti-GDF9 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.4 mL
Target:	GDF9
Binding Specificity:	AA 87-117, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GDF9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 87-117 amino acids from the N-terminal region of Human GDF9
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human GDF9 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

## Target Details

Target:	GDF9
Alternative Name:	GDF9 ( <a href="#">GDF9 Products</a> )

## Target Details

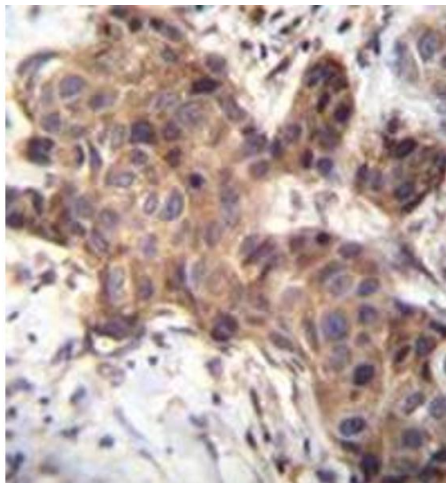
Background:	Growth factors synthesized by ovarian somatic cells directly affect oocyte growth and function. Growth differentiation factor-9 (GDF9) is expressed in oocytes and is thought to be required for ovarian folliculogenesis. GDF9 is a member of the transforming growth factor-beta superfamily.Synonyms: GDF-9, Growth/differentiation factor 9
Molecular Weight:	51444 Da
Gene ID:	2661
NCBI Accession:	<a href="#">NP_005251</a>

## Application Details

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

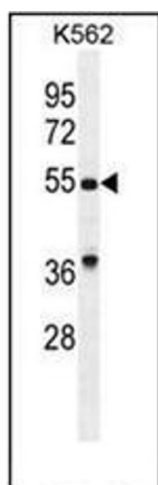
## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
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 undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma reacted with GDF9 Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



#### Western Blotting

**Image 2.** Western blot analysis of GDF9 Antibody (N-term) in K562 cell line lysates (35ug/lane). This demonstrates the GDF9 antibody detected the GDF9 protein (arrow).