

Datasheet for ABIN7154451  
**anti-GREM1 antibody (AA 18-184) (HRP)**



[Go to Product page](#)

## Overview

|                      |                                          |
|----------------------|------------------------------------------|
| Quantity:            | 100 µg                                   |
| Target:              | GREM1                                    |
| Binding Specificity: | AA 18-184                                |
| Reactivity:          | Human                                    |
| Host:                | Rabbit                                   |
| Clonality:           | Polyclonal                               |
| Conjugate:           | This GREM1 antibody is conjugated to HRP |
| Application:         | ELISA                                    |

## Product Details

|                   |                                                |
|-------------------|------------------------------------------------|
| Immunogen:        | Recombinant Human Gremlin-1 protein (18-184AA) |
| Isotype:          | IgG                                            |
| Cross-Reactivity: | Human                                          |
| Purification:     | >95%, Protein G purified                       |

## Target Details

|                   |                                                                                                                                                                                          |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | GREM1                                                                                                                                                                                    |
| Alternative Name: | GREM1 ( <a href="#">GREM1 Products</a> )                                                                                                                                                 |
| Background:       | Background: Cytokine that may play an important role during carcinogenesis and metanephric kidney organogenesis, as a BMP antagonist required for early limb outgrowth and patterning in |

## Target Details

maintaining the FGF4-SHH feedback loop. Down-regulates the BMP4 signaling in a dose-dependent manner (By similarity). Antagonist of BMP2, inhibits BMP2-mediated differentiation of osteoblasts (in vitro) (PubMed:27036124). Acts as inhibitor of monocyte chemotaxis. Can inhibit the growth or viability of normal cells but not transformed cells when is overexpressed (By similarity).

Aliases: BMP antagonist 1 antibody, Cell proliferation inducing gene 2 protein antibody, Cell proliferation-inducing gene 2 protein antibody, CKTSF1B1 antibody, colorectal adenoma and carcinoma 1 antibody, Cysteine knot superfamily 1 antibody, Cysteine knot superfamily 1, BMP antagonist 1 antibody, Cysteine knot superfamily BMP antagonist 1 antibody, DAN domain family member 2 antibody, DAND2 antibody, Down regulated in Mos-transformed cells protein antibody, Down-regulated in Mos-transformed cells protein antibody, DRM antibody, grem1 antibody, GREM1\_HUMAN antibody, Gremlin 1 homolog, cysteine knot superfamily antibody, Gremlin 1 like protein antibody, Gremlin 1, cysteine knot superfamily, homolog antibody, GREMLIN antibody, Gremlin-1 antibody, Gremlin1 antibody, IHG-2 antibody, IHG2 antibody, Increased in high glucose 2 antibody, Increased in high glucose protein 2 antibody, PIG2 antibody, Proliferation inducing gene 2 antibody, proliferation inducing gene 2 protein antibody

UniProt: [O60565](#)

Pathways: [Regulation of Muscle Cell Differentiation](#), [Tube Formation](#), [Maintenance of Protein Location](#)

## 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.