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Datasheet for ABIN7426475
anti-GREM1 antibody (AA 26-184)

3 Images

Overview

Quantity:	100 µL
Target:	GREM1
Binding Specificity:	AA 26-184
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GREM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Gremlin 1 (GREM1)
Immunogen:	Recombinant Gremlin 1 (GREM1) corresponding to Lys26~Asp184 with N-terminal His Tag
Clone:	C1
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against GREM1. It has been selected for its ability to recognize GREM1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

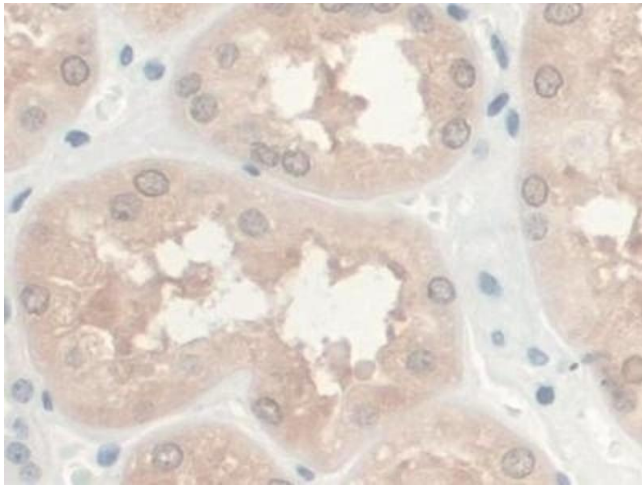
Target:	GREM1
Alternative Name:	Gremlin 1 (GREM1 Products)
Background:	PIG2, CKTSF1B1, DAND2, IHG-2, DAND2, DRM, Increased in high glucose protein 2, Cell proliferation-inducing gene 2 protein, Cysteine knot superfamily 1, BMP antagonist 1
Pathways:	Regulation of Muscle Cell Differentiation , Tube Formation , Maintenance of Protein Location

Application Details

Application Notes:	Western blotting: 0.5-3 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

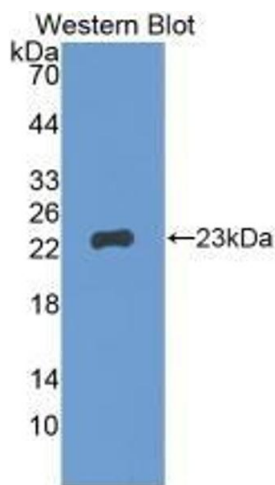
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



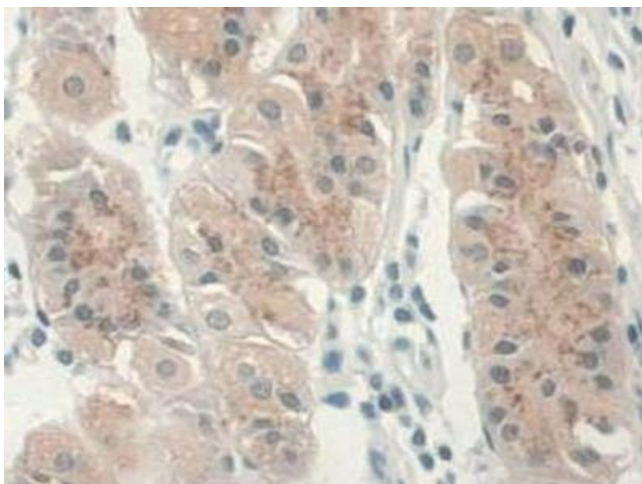
Immunohistochemistry

Image 1. Detection of GREM1 in Human Kidney Tissue using Monoclonal Antibody to Gremlin 1 (GREM1)



Western Blotting

Image 2. Detection of Recombinant GREM1, Human using Monoclonal Antibody to Gremlin 1 (GREM1)



Immunohistochemistry

Image 3. Detection of GREM1 in Human Stomach Tissue using Monoclonal Antibody to Gremlin 1 (GREM1)