

Datasheet for ABIN7427795
anti-Angiopoietin 1 antibody (AA 284-452)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Angiopoietin 1 (ANGPT1)
Binding Specificity:	AA 284-452
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Angiopoietin 1 (ANGPT1)
Immunogen:	Recombinant Angiopoietin 1 (ANGPT1) corresponding to Arg284~Cys452 with N-terminal His Tag
Clone:	C2
Isotype:	IgG3 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against ANGPT1. It has been selected for its ability to recognize ANGPT1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

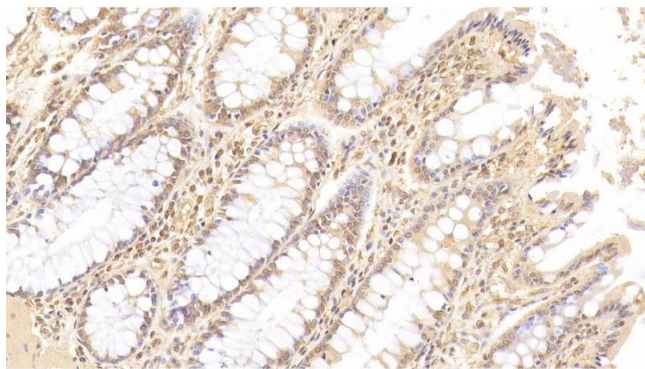
Target:	Angiotensin 1 (ANGPT1)
Alternative Name:	Angiotensin 1 (ANGPT1 Products)
Background:	ANG1, AGP1, AGPT, ANG-I
Pathways:	RTK Signaling , Glycosaminoglycan Metabolic Process

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

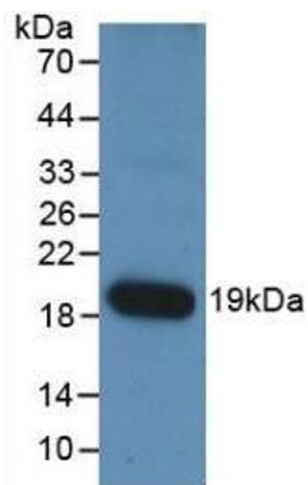
Handling

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 ANGPT1 in Human Colon Tissue using Monoclonal Antibody to Angiopoietin 1 (ANGPT1)



Western Blotting

Image 2. Detection of Recombinant ANGPT1, Human using Monoclonal Antibody to Angiopoietin 1 (ANGPT1)