

## Angiopoietin 1 antibody

## Cat. No. GTX28451

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IP, ELISA
Reactivity	Human, Mouse

References ( 3 )

Package

100 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:2000
ICC/IF	Assay dependent
IHC-P	1:200-1:800
IP	Assay dependent
ELISA	1:5000-1:25000

Not tested in other applications.

Calculated MW 58 kDa. ( [Note](#) )

Product Note This antibody is specific for mouse Angiopoietin 1 (mAng-1). Partially cross reactivity is noted with human angiopoietin 2.

## Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	80 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to a N-terminus region near aa 15-45 of mouse angiopoietin 1 protein conjugated to KLH using maleimide.
Conjugation	Unconjugated



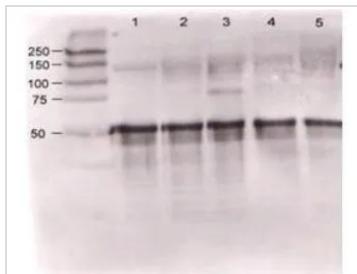
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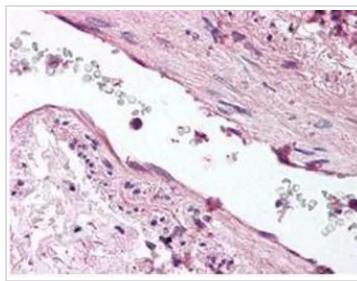
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**Note**

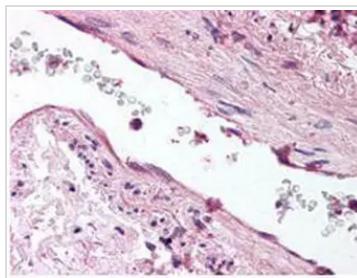
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**DATA IMAGES****GTX28451 WB Image**

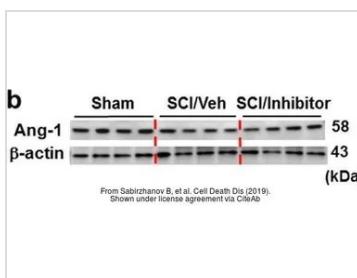
Rabbit anti-Ang-1 (GTX28451) was used at a 1:500 dilution to detect mouse Ang-1 by western blot against supernatants of mouse angiopoietin-expressing endothelial cells. Lane 1 - wt endothelial cells. Lane 2 - mouse Ang-1 (clone 1-8) expressing cells. Lane 3 - mouse Ang-1 (clone 1-15) expressing cells. Lane 4 - mouse Ang-2 (clone 2-9) expressing cells. Approximately 20 µg of each lysate was used for 10% SDS-PAGE.

**GTX28451 IHC-P Image**

IHC-P of ANG1 antibody was diluted 1:500 to detect ANG1 in human lung tissue. The image shows the localization of antibody as the precipitated red signal, with a hematoxylin purple nuclear counter stain.

**GTX28451 IHC-P Image**

IHC-P analysis of human lung tissue using GTX28451 Angiopoietin 1 antibody.  
Dilution : 1:500

**GTX28451 WB Image**

The data was published in the journal Cell Death Dis in 2019. [PMID: 31685802](#)



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