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## Datasheet for ABIN654409 anti-Angiopoietin 1 antibody (C-Term)

2 Images



## Overview

Quantity:	400 µL
Target:	Angiopoietin 1 (ANGPT1)
Binding Specificity:	AA 374-402, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This ANGPT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 374-402 amino acids from the C-terminal region of human ANGPT1.
Clone:	RB17673
lsotype:	Ig Fraction
Predicted Reactivity:	B, Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	

Target:	Angiopoietin 1 (ANGPT1)
Alternative Name:	ANGPT1 (ANGPT1 Products)
Background:	Angiopoietins are proteins with important roles in vascular development and angiogenesis. All

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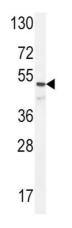
## Target Details

	angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase
	receptor. The protein encoded by this gene is a secreted glycoprotein that activates the
	receptor by inducing its tyrosine phosphorylation. It plays a critical role in mediating reciprocal
	interactions between the endothelium and surrounding matrix and mesenchyme. The protein
	also contributes to blood vessel maturation and stability, and may be involved in early
	development of the heart.
Molecular Weight:	57513
Gene ID:	284
NCBI Accession:	NP_001137, NP_001186788
UniProt:	Q15389
Pathways:	RTK Signaling, Glycosaminoglycan Metabolic Process
Application Dataila	
Application Details	
Application Notes:	WB: 1:2000. WB: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small
	aliquots to prevent freeze-thaw cycles.

Expiry Date:

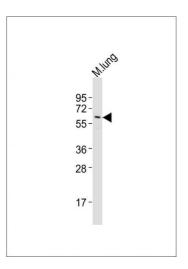
6 months

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**Image 1.** ANGPT1 Antibody (C-term) (ABIN654409 and ABIN2844148) western blot analysis in NCI- cell line lysates (35 µg/lane).This demonstrates the ANGPT1 antibody detected the ANGPT1 protein (arrow).



## Western Blotting

**Image 2.** Anti-ANGPT1 Antibody (C-term)at 1:2000 dilution + mouse lung lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 58 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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