

Datasheet for ABIN3021112
anti-Angiopoietin 2 antibody (AA 197-496)



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2 Images

Overview

Quantity:	100 µL
Target:	Angiopoietin 2 (ANGPT2)
Binding Specificity:	AA 197-496
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Angiopoietin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 197-496 of human ANGPT2 (NP_001138.1).
Sequence:	AMEDKHIIQL QSIKEEKDQL QVLVSKQNSI IEELEKKIVT ATVNNSVLQK QQHDLMETVN NLLTMMSTSN SAKDPTVAKE EQISFRDCAE VFSGHTTNG IYLTTFPNST EEIKAYCDME AGGGGWTTIQ RREDGSVDFQ RTWKEYKVG FGNPSGEYWL GNEFVSQLTNQ QRYVLKIHLK DWEGNEAYSL YEHFYLSS EELNYRIHLKGL TG TAGKISSI SQPGNDFSTK DGDNDKCICK CSQMLTGGWW FDACGPSNLN GMYYPQRQNT NKFNGIKWYY WKGSGYSLKA TTMMIRPADF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

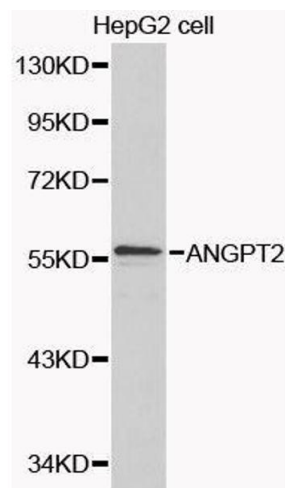
Target:	Angiopoietin 2 (ANGPT2)
Alternative Name:	ANGPT2 (ANGPT2 Products)
Background:	The protein encoded by this gene is an antagonist of angiopoietin 1 (ANGPT1) and endothelial TEK tyrosine kinase (TIE-2, TEK). The encoded protein disrupts the vascular remodeling ability of ANGPT1 and may induce endothelial cell apoptosis. Three transcript variants encoding three different isoforms have been found for this gene.,ANGPT2,AGPT2,ANG2,Cell Biology & Developmental Biology,Growth factor,Cardiovascular,Angiogenesis,ANGPT2
Molecular Weight:	50 kDa/56 kDa
Gene ID:	285
UniProt:	O15123
Pathways:	RTK Signaling

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

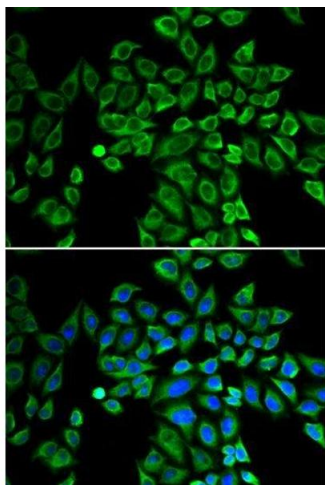
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using ANGPT2 antibody.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells using ANGPT2 antibody.