

Rabbit Angiopoietin-1 Polyclonal Antibody | anti-ANGPT1 antibody

Anti-Angiopoietin 1 Antibody

CATALOG # AAA46040	HOST Rabbit	REACTIVITY Human. No cross reactivity with other proteins.	APPLICATIONS Western Blot
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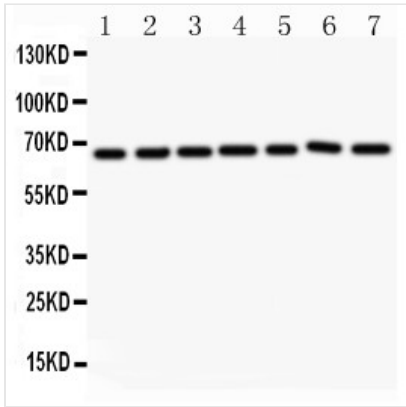
PRODUCT SYNONYMS

Angiopoietin-1; Polyclonal Antibody; Anti-Angiopoietin 1 Antibody; AGP 1 antibody; AGP1 antibody; AGPT antibody; ANG 1 antibody; ANG antibody; ANG-1 antibody; ANG1 antibody; Angiopoietin-1 antibody; Angiopoietin1 antibody; ANGPT1_HUMAN antibody; ANGPT 1 antibody; ANGPT1 antibody; KIAA0003 antibody; OTTHUMP00000227592 antibody; OTTHUMP00000227599 antibody; OTTHUMP00000227600 antibody; angiopoietin 1; anti-ANGPT1 antibody

PRODUCT SPECIFICATIONS

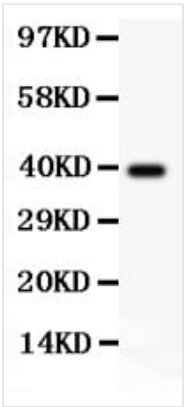
Host	Rabbit
Reactivity	Human. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	498
Applicable Applications for anti-ANGPT1 antibody	WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human Angiopoietin 1 recombinant protein (Position: H16-N350). Human Angiopoietin 1 shares 96% amino acid (aa) sequence with both mouse and rat Angiopoietin 1.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



Application Data

Anti-Angiopoietin 1 Picoband antibody, AAA46040-2.jpgAll lanes: Anti Angiopoietin1 (AAA46040) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: MCF-7 Whole Cell Lysate at 40ugLane 3: COLO320 Whole Cell Lysate at 40ugLane 4: A549 Whole Cell Lysate at 40ugLane 5: HEPG2 Whole Cell Lysate at 40ugLane 6: 293T Whole Cell Lysate at 40ugLane 7: SW620 Whole Cell Lysate at 40ugPredicted bind size: 57KDObserved bind size: 65KD



Application Data

Anti-Angiopoietin 1 Picoband antibody, AAA46040-1.jpgAll lanes: Anti Angiopoietin1 (AAA46040) at 0.5ug/mlWB: Recombinant Human Angiopoietin1 Protein 0.5ngPredicted bind size: 39KDObserved bind size: 39KD

ADDITIONAL INFORMATION

Related Product Information for anti-ANGPT1 antibody	Description: Rabbit IgG polyclonal antibody for Angiopoietin-1(ANGPT1) detection. Tested with WB in Human. Background: Angiopoietin 1 is a type of angiopoietin and is encoded by the gene ANGPT1. Angiopoietins are proteins with important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. Angiopoietin 1 is mapped to 8q23.1. 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. Angiopoietin-1 seems to play a crucial role in mediating reciprocal interactions between the endothelium and surrounding matrix and mesenchyme.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20532340
NCBI GeneID	284
NCBI Accession #	NP_001137.2
NCBI GenBank Nucleotide #	NM_001146.3
UniProt Accession #	Q15389; Q5HYA0
Molecular Weight	57,456 Da
NCBI Official Full Name	angiopoietin-1 isoform 1
NCBI Official Synonym Full Names	angiopoietin 1
NCBI Official Symbol	ANGPT1
NCBI Official Synonym Symbols	AGP1; AGPT; ANG1
NCBI Protein Information	angiopoietin-1; ANG-1
UniProt Protein Name	Angiopoietin-1
UniProt Gene Name	ANGPT1
UniProt Synonym Gene Names	KIAA0003; ANG-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/angiopoietin-1-antibody-western-blot-elisa/46040>