

Rabbit anti-Human, Mouse ANGPT1 / Angiopoietin-1 Polyclonal Antibody | anti-ANGPT1 antibody

Rabbit Polyclonal to Mouse ANGPT1 / Angiopoietin-1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50697	Rabbit	Human, Mouse	ELISA, Western Blot, Immunohistochemistry

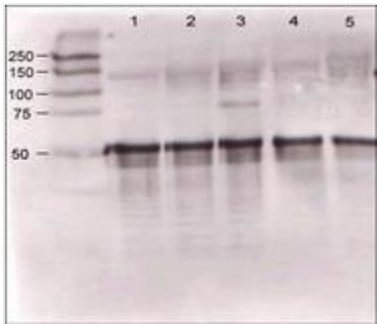
PRODUCT SYNONYMS

ANGPT1 / Angiopoietin-1; Polyclonal Antibody; Rabbit Polyclonal to Mouse ANGPT1 / Angiopoietin-1; Anti-ANGPT1 / Angiopoietin-1 Antibody (N-Terminus) IHC-plus; Angiopoietin 1; Angiopoietin-1; AGPT; AGP1; ANG-1; ANG1; KIAA0003; Mouse ANGPT1; anti-ANGPT1 antibody

PRODUCT SPECIFICATIONS

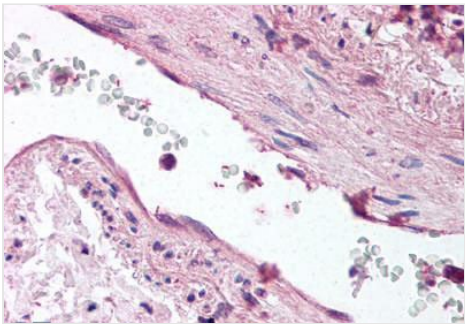
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Synthetic peptide N-Q-R-R-N-P-E-N-G-G-R-R-Y-N-R-I-Q-H-G-Q corresponding to a region (aa 21-40) near the N-terminus of mouse angiopoietin 1 protein conjugated to KLH using maleimide. A residue of cysteine was added to the amino terminal end to facilitate coupling.
Purity/Purification	Sterile filtered
Form/Format	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Concentration	80 mg/ml (varies by lot)
Sequence Length	498
Applicable Applications for anti-ANGPT1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Mouse
Immunogen Description	Synthetic peptide from mouse ANGPT1 / Angiopoietin-1.
Immunogen Type	Synthetic peptide
Immunogen	ANGPT1 / Angiopoietin-1 antibody was raised against synthetic peptide from mouse ANGPT1 / Angiopoietin-1.
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C. Avoid repeat freeze-thaw cycles.

IMAGES



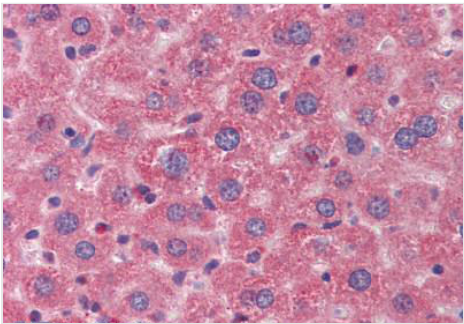
WB (Western Blot)

Rabbit anti-Ang-1 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.



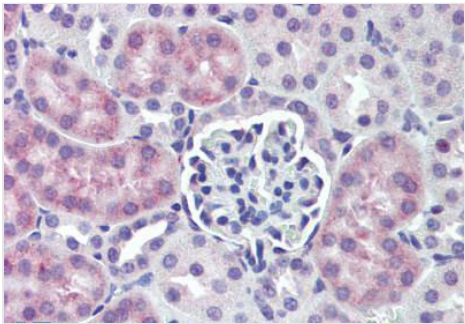
IHC (Immunohistochemisry)

Anti-ANGPT1 / Angiopoietin-1 antibody IHC staining of human lung, vessel. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.



IHC (Immunohiostchemistry)

Anti-ANGPT1 / Angiopoietin-1 antibody IHC staining of mouse liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.



IHC (Immunohistochemistry)

Anti-ANGPT1 / Angiopoietin-1 antibody IHC staining of mouse kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.

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
UniProt Entry Name	ANGP1_HUMAN

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/angpt1-angiopoietin-1-antibody-western-blot-immunohistochemistry-elisa/50697>