Rabbit anti-Human, Mouse Angiopoietin 2 (ANGPT2) Polyclonal Antibody | anti-ANGPT2 antibody

Polyclonal Antibody to Angiopoietin 2 (ANGPT2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA131513	**Rabbit**	**Human, Mouse**	**Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry**

PRODUCT SYNONYMS

Angiopoietin 2 (ANGPT2); Polyclonal Antibody; Polyclonal Antibody to Angiopoietin 2 (ANGPT2); anti-ANGPT2 antibody

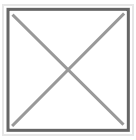
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ANGPT2. It has been selected for its ability to recognize ANGPT2 in immunohistochemical staining andwestern blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3,50% glycerol.
Concentration	0.22mg/ml (varies by lot)
Sequence	Ant igen:Thetarge tproteinis fusedwithN -terminalH is-Tagandi tssequence islistedbe low. MG HHHHHHSGSE F-KSMDSIGK KQYQVQHGSC SYTFLLPEMD NCRSSSSPYV SNAVQRDAPL EYDDSVQRLQ VLENIMENNT QWLMKLENYI QDNMKKEMVE IQQNAVQNQT AVMIEIGTNL LNQTAEQTRK LTDVEAQVLN QTTRLELQLL EHSL
Sequence Length	495
Applicable Applications for anti-ANGPT2 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant ANGPT2 (Lys24~Leu165) expressed in E.coli.
Cross Reactivity	Human, Mouse
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

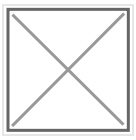
IMAGES

Knockout Validation
Knockout Validation: Lane 1: Wild-type K562 cell lysate;;Lane 2: ANGPT2 knockout K562 cell lysate;;Predicted MW: 51,57kDa ;Observed MW: 68kDa;Primary Ab: 1ug/ml Rabbit Anti-Human ANGPT2 Ab;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;

IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin-embedded Heart tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Human Liver lysate; Primary Ab: 1ug/ml Rabbit Anti-Human ANGPT2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-ANGPT2 antibody	Knock-Out Validation Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	169646749
NCBI GeneID	285
NCBI Accession #	NP_001112359.1
NCBI GenBank Nucleotide #	NM_001118887.1
UniProt Accession #	O15123; Q9NRR7; Q9P2Y7; A0AV38; A8K205; B7ZLM7
Molecular Weight	56,848 Da
NCBI Official Full Name	angiopoietin-2 isoform b
NCBI Official Synonym Full Names	angiopoietin 2
NCBI Official Symbol	ANGPT2
NCBI Official Synonym Symbols	ANG2; AGPT2
NCBI Protein Information	angiopoietin-2
UniProt Protein Name	Angiopoietin-2
UniProt Gene Name	**ANGPT2**
UniProt Synonym Gene Names	ANG-2

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-2-angpt2-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/131513