

Rabbit ANGPTL3 Polyclonal Antibody | anti-ANGPTL3 antibody

ANGPTL3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40734	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

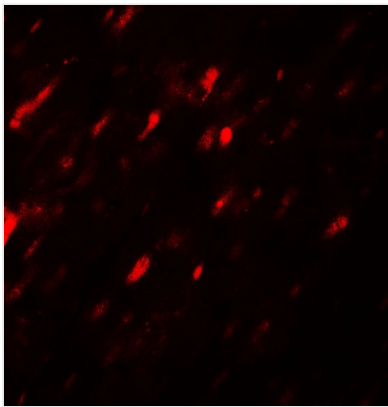
PRODUCT SYNONYMS

ANGPTL3; Polyclonal Antibody; ANGPTL3 Antibody; ANL3; ANG-5; FHBL2; ANGPT5; UNQ153/PRO179; Angiopoietin-related protein 3; Angiopoietin-5; angiopoietin-like 3; anti-ANGPTL3 antibody

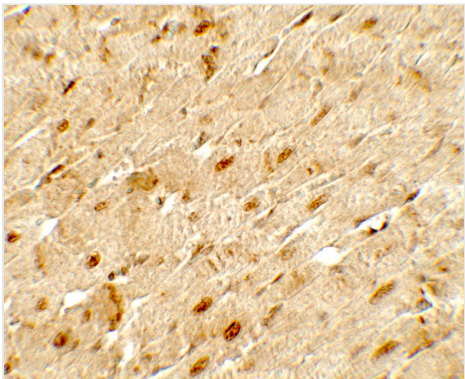
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ANGPTL3 antibody is human, mouse and rat reactive. ANGPTL3 antibody is predicted not to cross-react with other ANGPTL family proteins.
Purity/Purification	ANGPTL3 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	460
Applicable Applications for anti-ANGPTL3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ANGPTL3 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human ANGPTL3.
Buffer	ANGPTL3 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ANGPTL3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

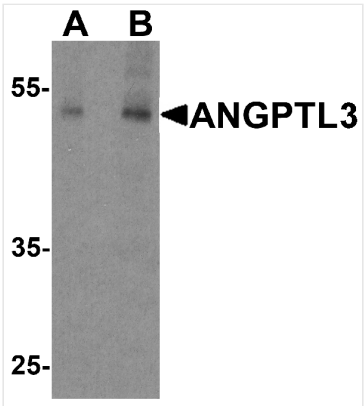
IMAGES



IF (Immunofluorescence)
Immunofluorescence of ANGPTL3 in rat heart tissue with ANGPTL3 antibody at 20 μ g/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of ANGPTL3 in rat heart tissue with ANGPTL3 antibody at 5 μ g/mL.



WB (Western Blot)
Western blot analysis of ANGPTL3 in human heart tissue lysate with ANGPTL3 antibody at (A) 1 and (B) 2 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ANGPTL3 antibody

The angiopoietin-related protein 3 (ANGPTL3) is a member of a family of secreted proteins that function in angiogenesis (1). ANGPTL3 is processed into an N-terminal coiled-coil domain-containing chain and a C-terminal fibrinogen chain. The N-terminal chain is important for lipid metabolism, while the C-terminal chain may be involved in angiogenesis (2,3). Recent experiments have shown that a deficiency of ANGPTL3 is associated with increased insulin sensitivity, lipoprotein lipase activity, and decreased serum free fatty acids, suggesting that ANGPTL3 may also play a role in modulating glucose metabolism (4).

NCBI AND UNIPROT INFORMATION

NCBI GI #	7656888
NCBI GeneID	27329
NCBI Accession #	NP_055310
NCBI GenBank Nucleotide #	NM_014495.3
UniProt Accession #	Q9Y5C1; A0JLS0; B1ALJ0; B2RCW1
Molecular Weight	Predicted: 51 kDa Observed: 53 kDa
NCBI Official Full Name	angiopoietin-related protein 3 preproprotein

NCBI Official Synonym Full Names	angiopoietin-like 3
NCBI Official Symbol	ANGPTL3
NCBI Official Synonym Symbols	ANL3; ANG-5; FHBL2; ANGPT5
NCBI Protein Information	angiopoietin-related protein 3; angiopoietin 5
UniProt Protein Name	Angiopoietin-related protein 3
UniProt Gene Name	ANGPTL3
UniProt Synonym Gene Names	ANGPT5; ANG-5
UniProt Entry Name	ANGL3_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/angptl3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40734>