

Goat ANGPT1 Antibody | anti-ANGPT1 antibody

Goat anti-ANGPT1 Antibody

CATALOG # AAA61875	HOST Goat	REACTIVITY Human Expected from sequence similarity: Mouse, Rat, Dog, Cow, Pig	APPLICATIONS Flow Cytometry, Functional Assay, Immunofluorescence, ELISA
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PRODUCT SYNONYMS

ANGPT1; Goat anti-ANGPT1 Antibody; angiopoietin 1; AGP1; AGPT; ANG1; anti-ANGPT1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human Expected from sequence similarity: Mouse, Rat, Dog, Cow, Pig
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Applicable Applications for anti-ANGPT1 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-TDQYNTNALQR, from the internal region of the protein sequence according to NP_001137.2; NP_001186788.1.
Epitope	internal region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



ICC (Immunocytochemistry)

AAA61875 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing plasma membrane staining. The nuclear stain is DAPI (blue).
Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



FCM/FACS (Flow Cytometry)

AAA61875 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

References	Onimaru M, Yonemitsu Y, Suzuki H, Fujii T, Sueishi K.; An autocrine linkage between matrix metalloproteinase-14 and Tie-2 via ectodomain shedding modulates angiopoietin-1-dependent function in endothelial cells.; Arteriosclerosis, thrombosis, and vascular biology 2010 Apr 30 (4): 818-26.; PMID: 20056911
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20532340
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NCBI GeneID	284
NCBI Accession #	NP_001137.2; NP_001186788.1
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/goat-cow-dog-human-mouse-pig-rat-antibody/angpt1/61875>