

Rabbit anti-Human, Mouse ANG Polyclonal Antibody | anti-ANG antibody

ANG antibody

CATALOG # AAA305777	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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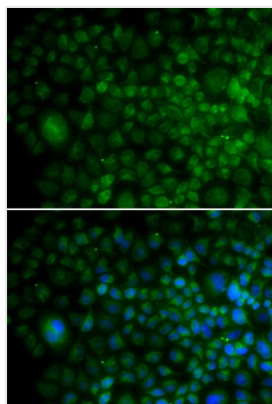
PRODUCT SYNONYMS

ANG; Polyclonal Antibody; ANG antibody; ALS9; HEL168; MGC22466; MGC71966; RNASE4; RNASE5; anti-ANG antibody

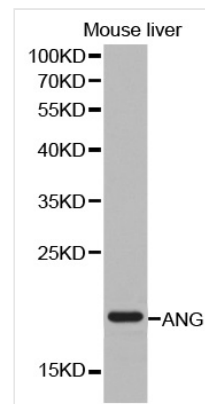
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total ANG antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	147
Applicable Applications for anti-ANG antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ANG.
Target Name	ANG
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using ANG antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of mouse liver cell lines, using ANG antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ANG antibody	Angiopoietins are a family of Tie receptor ligands. There are four angiopoietins discovered so far: angiopoietins 1, 2, 3 and 4 (Ang1, 2, 3, and 4) (1-3). Ang1 binds to the Tie-2 receptor and leads to its autophosphorylation and subsequent activation of downstream signaling pathways. It plays an important role in blood vessel formation, maturation and subsequent stabilization (1,4,5). Ang2 is an endothelium-specific growth factor that functions as an antagonist to Ang1, promotes vascular associated proinflammatory function, destabilizes quiescent endothelium, leads to vascular leakage and vascular destabilization and remodeling (2,6,7). Ang2 is selectively expressed in many tumor tissues where, combined with other growth factors such as VEGF, it can promote vascular remodeling, angiogenesis and inflammation (7-9).
Product Categories/Family for anti-ANG antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	148277046
NCBI GeneID	283
NCBI Accession #	NP_001091046.1
NCBI GenBank Nucleotide #	NM_001097577.2
UniProt Accession #	P03950; Q05CV1; Q53X86; Q6P5T2; Q8WXE7
Molecular Weight	16,550 Da
NCBI Official Full Name	angiogenin
NCBI Official Synonym Full Names	angiogenin, ribonuclease, RNase A family, 5
NCBI Official Symbol	ANG
NCBI Official Synonym Symbols	ALS9; RAA1; HEL168; RNASE4; RNASE5
NCBI Protein Information	angiogenin
UniProt Protein Name	Angiogenin
UniProt Gene Name	ANG
UniProt Synonym Gene Names	RNASE5; RNase 5
UniProt Entry Name	ANGI_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/ang-antibody-immunofluorescence-western-blot-elisa/305777>