



# Anti-ANG polyclonal antibody [Biotin] (DPABY-499)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Angiogenin (ANG) is a secreted protein that belongs to the pancreatic ribonuclease family. It was initially purified based on its ability to initiate vascularization in the chicken embryo chorioallantoic membrane from serum-free media conditioned by growth of a human adenocarcinoma cell line HT-29. A number of other tumors, as well as normal cell lines, also secrete Angiogenin. Angiogenin is present in normal human plasma.
<b>Specificity</b>	Detects human Angiogenin in ELISAs and Western blots.
<b>Immunogen</b>	E. coli-derived recombinant human Angiogenin . Gln25-Pro147 Accession Number Q53X86
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Preservative</b>	None
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

12 months from date of receipt, -20 to -70 °C as supplied.  
1 month, 2 to 8 °C under sterile conditions after reconstitution.  
6 months, -20 to -70 °C under sterile conditions after reconstitution.

## GENE INFORMATION

Gene Name	<a href="#">ANG angiogenin, ribonuclease, RNase A family, 5 [ Homo sapiens (human) ]</a>
Official Symbol	ANG
Synonyms	ANG; angiogenin, ribonuclease, RNase A family, 5; ALS9; RAA1; HEL168; RNASE4; RNASE5; angiogenin; RNase 5; ribonuclease 5; ribonuclease A A1; epididymis luminal protein 168;
Entrez Gene ID	<a href="#">283</a>
Protein Refseq	<a href="#">NP_001091046</a>
UniProt ID	<a href="#">P03950</a>
Chromosome Location	14q11.1-q11.2
Function	DNA binding; actin binding; copper ion binding; endonuclease activity; endoribonuclease activity, producing 3-phosphomonoesters; heparin binding; peptide binding; protein binding; rRNA binding; receptor binding; ribonuclease activity;