

Datasheet for ABIN6136869  
**anti-ANG antibody (AA 25-147)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	ANG
Binding Specificity:	AA 25-147
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANG antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 25-147 of human ANG (NP_001091046.1).
Sequence:	QDNSRYTHFL TQHYDAKPQG RDDRYCESIM RRRGLTSPCK DINTFIHGK RSICAICENK NGNPHRENLR ISKSSFQVTT CKLHGGSPWP PCQYRATAGF RNVVACENG LPVHLDQSIF RRP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

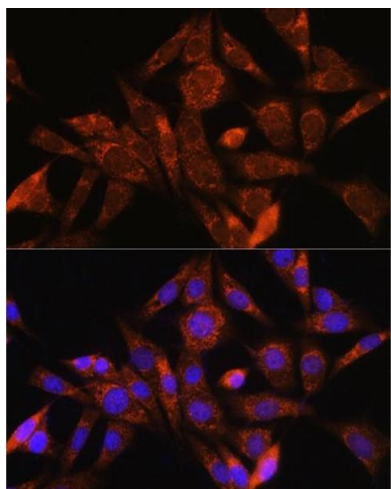
Target:	ANG
Alternative Name:	ANG ( <a href="#">ANG Products</a> )
Background:	<p>The protein encoded by this gene is an exceedingly potent mediator of new blood vessel formation. It hydrolyzes cellular tRNAs resulting in decreased protein synthesis and is similar to pancreatic ribonuclease. In addition, the mature peptide has antimicrobial activity against some bacteria and fungi, including <i>S. pneumoniae</i> and <i>C. albicans</i>. Alternative splicing results in two transcript variants encoding the same protein. This gene and the gene that encodes ribonuclease, RNase A family, 4 share promoters and 5' exons. Each gene splices to a unique downstream exon that contains its complete coding region.,ANG,ALS9,HEL168,RAA1,RNASE4,RNASE5,Epigenetics &amp; Nuclear Signaling,Cancer,Invasion and Metastasis,Signal Transduction,Cell Biology &amp; Developmental Biology,Cytoskeleton,Microfilaments,Growth factor,Endocrine &amp; Metabolism,Nucleotide metabolism,Cardiovascular,Angiogenesis,Angiogenic growth factors,Hypoxia,ANG</p>
Molecular Weight:	16 kDa
Gene ID:	283
UniProt:	<a href="#">P03950</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

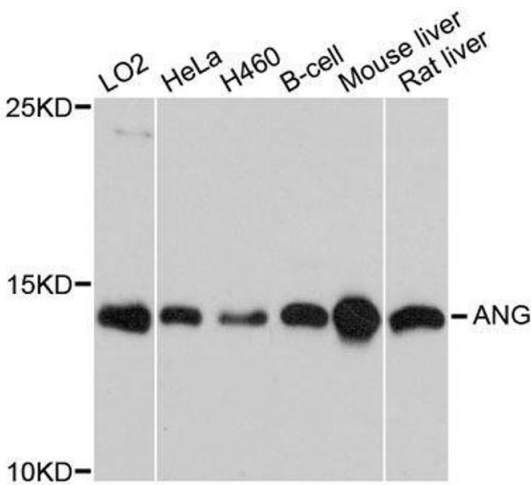
## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of NIH/3T3 cells using ANG Rabbit pAb (ABIN6131230, ABIN6136869, ABIN6136870 and ABIN6217474) at dilution of 1:100. Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using ANG antibody.