

Anti-ANGPT2/Angiotensin-2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Chicken,Dog,Pig)
Molecular Weight:	Theoretical: 53 kDa. Actual: 53 kDa.
Purification:	Protein A purified

Applications

1. Sample:

HepG2 (Human) Cell Lysate at 30 µg

Primary: Anti-Angiotensin 2 (TMAB-00120) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

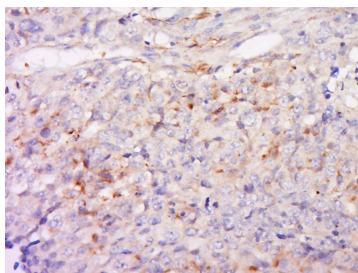
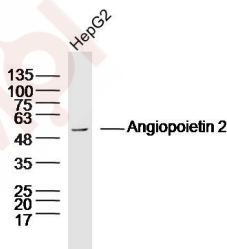
Predicted band size: 53 kDa

Observed band size: 53 kDa

Verified Activity:

2. Tissue/cell: human colon cancer; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;

Incubation: Anti-Ang2 Polyclonal Antibody, Unconjugated (TMAB-00120) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining



Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

A DRUG SCREENING EXPERT

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Angiopoietin 2

Antigen Species: Human

Gene ID: 285

Uniprot ID: O15123

Synonyms: ANG2;angiopoietin 2;AGPT2;ANG-2;angiopoietin-2a;ANGPT2;Tie2-ligand;Angiopoietin-2;angiopoietin-2B;angiopoitin 2

Research Background

The protein encoded by this gene is an antagonist of angiopoietin 1 (ANGPT1) and endothelial TEK tyrosine kinase (TIE-2, TEK). The encoded protein disrupts the vascular remodeling ability of ANGPT1 and may induce endothelial cell apoptosis. Three transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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