

Angiopoietin 2 Antibody HRP Conjugated

Catalog No: #C00392H

Package Size: #C00392H 100ul

Description

Product Name	Angiopoietin 2 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 450-490 496 derived from human Angiopoietin 2
Conjugates	HRP
Target Name	Angiopoietin 2
Other Names	ANG2; AGPT2; Angiopoietin-2; ANG-2; ANGPT2
Accession No.	Swiss-Prot#O15123NCBI Gene ID285
Cell Localization	Secreted
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200

Background

Binds to TEK TIE2, competing for the ANGPT1 binding site, and modulating ANGPT1 signaling. Can induce tyrosine phosphorylation of TEK TIE2 in the absence of ANGPT1. In the absence of angiogenic inducers, such as VEGF, ANGPT2-mediated loosening of cell-matrix contacts may induce endothelial cell apoptosis with consequent vascular regression. In concert with VEGF, it may facilitate endothelial cell migration and proliferation, thus serving as a permissive angiogenic signal.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.