

ANG2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252056

Unit: 0.1 mg

Description:

Angiopoietin-2 (ANG2) induces tyrosine phosphorylation of TIE2. ANG2 binds to the TIE2 receptor and counteracts blood vessel maturation/stability mediated by angiopoietin-1. ANG2 function is context-dependent: In the absence of angiogenic inducers, such as VEGF, ANG2-mediated loosening of cell-matrix contacts may induce endothelial cell apoptosis with consequent vascular regression. In concert with VEGF, ANG2 facilitates endothelial cell migration and proliferation, thus serving as a permissive angiogenic signal

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

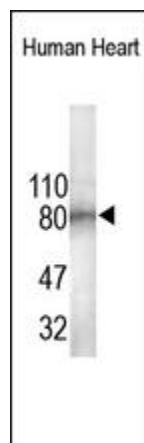
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: ANGPT2; Angiopoietin-2; ANG-2; ANG2

Accession No.: O15123

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ANG2.

Application Notes: E: 1:5,000-1:20,000; WB: 1:100-1:500; IHC: 1:50-1:200



The ANG2 Antibody is used in Western blot to detect ANG2 in human heart lysates.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.