

Angiopoietin-3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252058

Unit: 0.1 mg

Description:

Angiopoietin-related protein 1 (Angiopoietin-3) is a secreted protein with homology to human angiopoietin-1 and human angiopoietin-2. Angiopoietin-3 mRNA is expressed in lung and cultured human umbilical vein endothelial cells. VEGF slightly increases Angiopoietin-3 mRNA expression in cultured human umbilical vein endothelial cells. Angiopoietin 3 (ANG3), also called ANG4, might represent counterparts in mouse and human. Based on chromosomal analysis, mouse ANG3 is thought to be an ortholog of human ANG4. Human ANG4 acts as an agonist that binds and activates Tie2, whereas mouse ANG3 is likely to be a Tie2 antagonist, exerting agonist or antagonist activities depending on the cell context.

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, 1% BSA with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Angiopoietin-3; Angiopoietin-related protein 1; Angiopoietin-like protein 1; ANG-3; ANGPTL1; ANG3; ANGPT3; ARP1

Accession No.: O95841

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human angiopoietin-3.

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



Angiopoietin-3 staining in human skeletal muscle.
Paraffin-embedded human skeletal muscle is stained with Angiopoietin-3 Antibody (Cat. No. 252058) used at 1:200 dilution.

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.