

## ANGPT1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:100

**Calculated MW:** 58kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human ANGPT1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

AGP1; AGPT; ANG1;

**Catalog #:** A7877

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 284

**Isotype:** IgG

**Swiss Prot:** Q15389

**Purity:** Affinity purification

For research use only.

**Background:**

Angiopoietins are proteins with important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. The protein encoded by this gene is a secreted glycoprotein that activates the receptor by inducing its tyrosine phosphorylation. It plays a critical role in mediating reciprocal interactions between the endothelium and surrounding matrix and mesenchyme and inhibits endothelial permeability. The protein also contributes to blood vessel maturation and stability, and may be involved in early development of the heart. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

**To place an order, please [Click HERE](#).**