

Product datasheet for **TA343276**

Angiopoietin 2 (ANGPT2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Angpt2 antibody is: synthetic peptide directed towards the middle region of Mouse Angpt2. Synthetic peptide located within the following region: NQTTRELLQLLQHSISTNKLEKQILDQTSEINKLQNKNSFLEQKVLDMEG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56 kDa
Gene Name:	angiopoietin 2
Database Link:	NP_001138 Entrez Gene 11601 Mouse O15123
Background:	Angpt2 binds to TEK/TIE2, competing for the ANGPT1 binding site, and modulating ANGPT1 signaling. It 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.
Synonyms:	AGPT2; ANG2

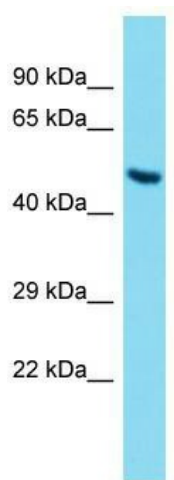


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Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Rabbit: 100%; Mouse: 93%; Sheep: 93%; Bovine: 93%; Guinea pig: 93%

Protein Families: Druggable Genome, Secreted Protein

Product images:



Host: Rabbit; Target Name: Angpt2; Sample Tissue: Mouse Liver lysates; Antibody Dilution: 1.0 ug/ml