

## Product datasheet for **TA387978**

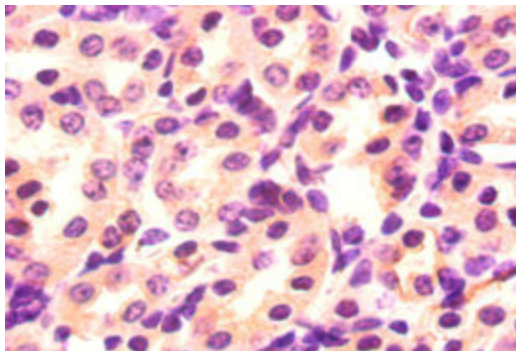
### Angpt2 Rabbit Polyclonal Antibody

#### Product data:

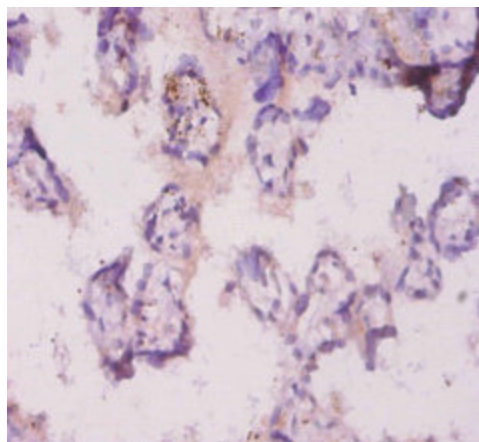
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Mouse Angiopoietin-2 protein (19-483AA)
Formulation:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration:	lot specific
Purification:	>95%, Protein G purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	<a href="#">Q35608</a>
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



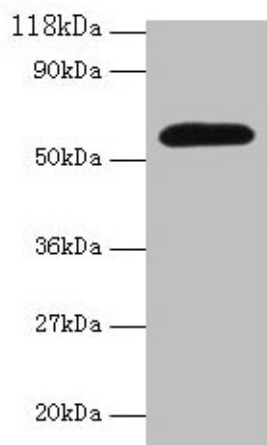
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**Product images:**

Immunohistochemistry of paraffin-embedded mouse kidney tissue using TA387978 at dilution of 1:50



Immunohistochemistry of paraffin-embedded human placenta tissue using TA387978 at dilution of 1:20



Western blot

All lanes: Angpt2 antibody at 2 $\mu$ g/ml + Mouse lung tissue

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 57 kDa

Observed band size: 57 kDa