

PACO33756

Product Information

Size:

50ug

Reactivity:

Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
IHC:1:20-1:200

Protein 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.

Gene ID:

Angpt2

Uniprot

O35608

Synonyms:

Angiopoietin-2 (ANG-2), Angpt2, Agpt2

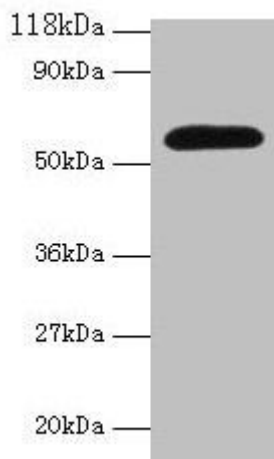
Immunogen:

Recombinant Mouse Angiopoietin-2 protein (19-483AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Product Images



Western blot

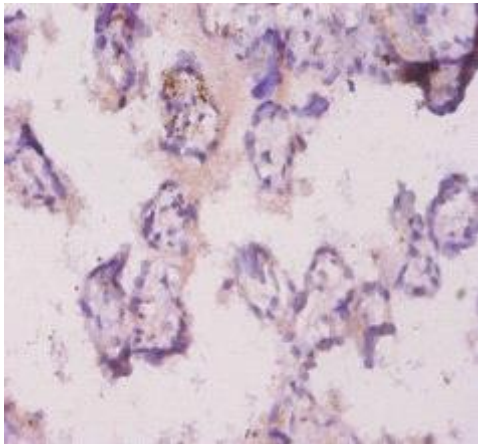
All lanes: Angpt2 antibody at 2 μ g/ml + Mouse lung tissue

Secondary

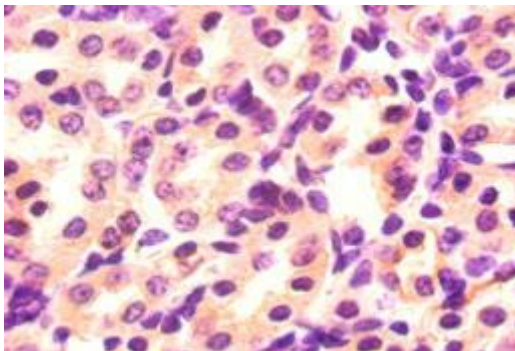
Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 57 kDa

Observed band size: 57 kDa



Immunohistochemistry of paraffin-embedded human placenta tissue using PACO33756 at dilution of 1:20.



Immunohistochemistry of paraffin-embedded mouse kidney tissue using PACO33756 at dilution of 1:50.