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## Summary

<b>Production Name</b>	Tie-1 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	TIE1
<b>Alternative Names</b>	TIE1; TIE; Tyrosine-protein kinase receptor Tie-1
<b>Gene ID</b>	7075.0
<b>SwissProt ID</b>	P35590.The antiserum was produced against synthesized peptide derived from human TIE1. AA range:851-900

## Application

<b>Dilution Ratio</b>	IHC-p: 100-300.WB 1:500 - 1:2000. ELISA: 1:10000.. IF 1:50-200
<b>Molecular Weight</b>	130kD

## Background

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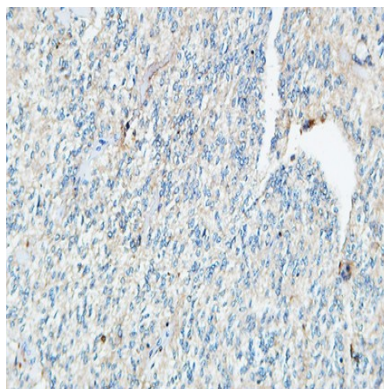
**Product Name: Tie-1 Rabbit Polyclonal Antibody**  
**Catalog #: APRab18923**



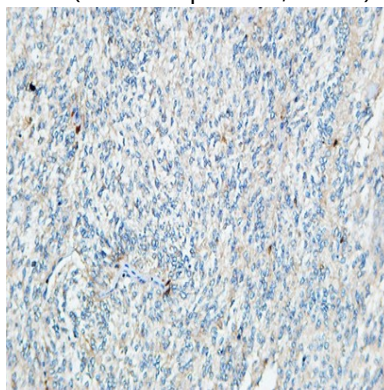
This gene encodes a member of the tyrosine protein kinase family. The encoded protein plays a critical role in angiogenesis and blood vessel stability by inhibiting angiopoietin 1 signaling through the endothelial receptor tyrosine kinase Tie2. Ectodomain cleavage of the encoded protein relieves inhibition of Tie2 and is mediated by multiple factors including vascular endothelial growth factor. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011],catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:Probable protein tyrosine-kinase transmembrane receptor.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. Tie subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,similarity:Contains 3 EGF-like domains.,similarity:Contains 3 fibronectin type-III domains.,tissue specificity:Specifically expressed in developing vascular endothelial cells.,

## Research Area

## Image Data



Immunohistochemical analysis of paraffin-embedded Human Oophoroma. 1, Antibody was diluted at 1:100 (4°,overnight) .  
2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at  
1:200 (room temperature, 30min) .

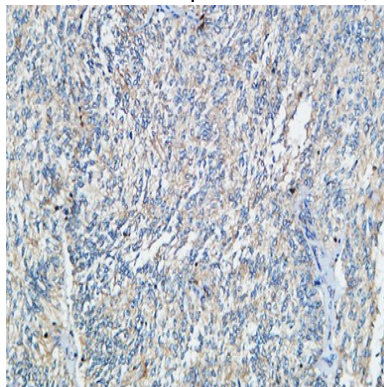


Immunohistochemical analysis of paraffin-embedded Human Oophoroma. 1, Antibody was diluted at 1:100 (4°,overnight) .

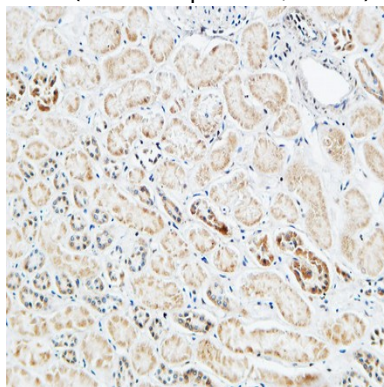
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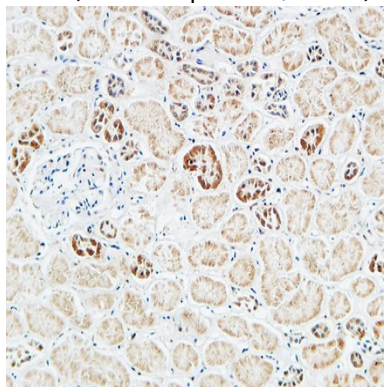
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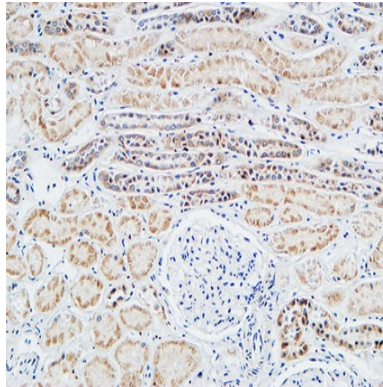


Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:200 (4°overnight) . 2,  
High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 30min) .



Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:200 (4°overnight) . 2,  
High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 30min) .

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Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:200 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .

**Note**

For research use only.