

For Research Use Only

# CCBE1 Polyclonal antibody

Catalog Number: 24449-1-AP



## Basic Information

<b>Catalog Number:</b> 24449-1-AP	<b>GenBank Accession Number:</b> BC046645	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 147372	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6UXH8	
<b>Isotype:</b> IgG	<b>Full Name:</b> collagen and calcium binding EGF domains 1	
<b>Immunogen Catalog Number:</b> AG19686	<b>Calculated MW:</b> 406 aa, 44 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human kidney tissue,
<b>Species Specificity:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

CCBE1 (collagen and calcium-binding EGF domain-containing protein 1) is a secreted protein that is indispensable for lymphangiogenesis during development. CCBE1 may be a guidance molecule that regulates lymphangioblast budding and possibly migration (PMID: 19287381). The gene of CCBE1 maps to 18q21.32 and encodes a protein of 44 kDa that contains an EGF-like domain and two collagen-like domains. Mutations in the CCBE1 gene cause Hennekam lymphangiectasia-Lymphedema syndrome (PMID: 19935664).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

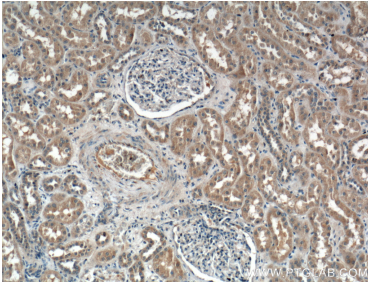
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

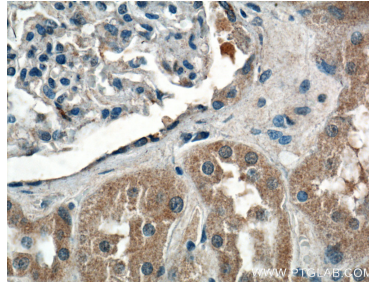
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 24449-1-AP (CCBE1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 24449-1-AP (CCBE1 Antibody) at dilution of 1:200 (under 40x lens).