

CCBE1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58823

Specification

Epitope Specificity

affinity purified by Protein A

CCBE1 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, E

Primary Accession
Reactivity
Rat, Pig, Dog
Host
Clonality
Calculated MW
Physical State

Q6UXH8
Rat, Pig, Dog
Rabbit
Polyclonal
41 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

from human CCBE1

201-300/406

Isotype IgG
Purity

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Secreted (Potential).

SIMILARITY

DISEASE

Belongs to the CCBE1 family.

Defects in CCBE1 are the cause of

Hennekamlymphangiectasia-lymphedema syndrome (HLLS) [MIM:235510]. HLLS is ageneralized lymph-vessels dysplasia

characterized by

intestinallymphangiectasia with severe lymphedema of the limbs, genitalia andface. In addition, affected individuals have unusual facies andsevere mental

retardation.

Important Note This product as supplied is intended for

research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

This gene is thought to function in extracellular matrixremodeling and migration. It is predominantly expressed in theovary, but down regulated in ovarian cancer cell lines and primarycarcinomas, suggesting its role as a tumour suppressor. Mutationsin this gene have been associated with Hennekamlymphangiectasia-lymphedema syndrome, a generalized lymphaticdysplasia in humans. [provided by RefSeq, Mar 2010].

CCBE1 Polyclonal Antibody - Additional Information

Gene ID 147372

Other Names



Collagen and calcium-binding EGF domain-containing protein 1, Full of fluid protein homolog, CCBE1, KIAA1983

Dilution

- WB~~1:1000<br \><span class</pre>
- ="dilution_IHC-P">IHC-P~~N/A<br \><span class
- ="dilution IHC-F">IHC-F~~N/A<br \><span class
- ="dilution_IF">IF \sim 1:50 \sim 200<br\>E \sim N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

CCBE1 Polyclonal Antibody - Protein Information

Name CCBE1

Synonyms KIAA1983

Function

Required for lymphangioblast budding and angiogenic sprouting from venous endothelium during embryogenesis.

Cellular Location

Secreted

Tissue Location

Detected in fibroblasts and urine (at protein level) (PubMed:25326458, PubMed:36213313, PubMed:37453717). Not expressed in blood or lymphatic endothelial cells

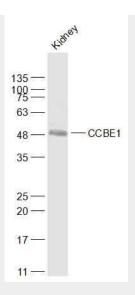
CCBE1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

CCBE1 Polyclonal Antibody - Images





Sample:

Kidney (Mouse) Lysate at 40 ug

Primary: Anti-CCBE1 (bs-7985R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 41 kD Observed band size: 49 kD