ELK Biotechnology

CFC1B rabbit pAb

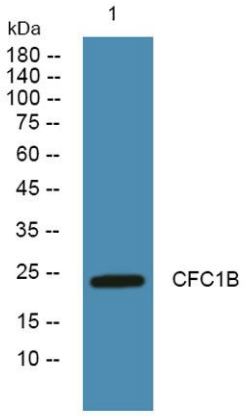
Cat No.:ES10999

For research use only

Overview

Product Name	CFC1B rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CFC1B Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Cryptic family protein 1B
Gene Name	CFC1B
Cellular localization	Secreted .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	24kD
Human Gene ID	653275
Human Swiss-Prot Number	P0CG36
Alternative Names	
Background	disease:Defects in CFC1 are a cause of conotruncal heart malformations (CTHM) [MIM:217095]. CTHM consist of cardiac outflow tract defects, such as tetralogy of Fallot, pulmonary atresia, double-outlet right ventricle, truncus arteriosus communis, and aortic arch anomalies.,disease:Defects in CFC1 are a cause of transposition of the great arteries, dextro-looped (DTGA) [MIM:608808]. The more common form of DTGA, consists of complete

inversion of the great vessels, so that the aorta incorrectly arises from the right ventricle and the pulmonary artery incorrectly arises from the left ventricle. This creates completely separate pulmonary and systemic circulatory systems, an arrangement that is incompatible with life. Patients often have atrial and/or ventricular septal defects or other types of shunting that allow some mixing between the circulations in order to support life minimally, but surgical intervention is always required.,disease:Defects in CFC1 are a cause of visceral heterotaxy (HTX2) [MIM:605376]. HTX2 is an autosomal form of visceral heterotaxy (HTX). HTX is characterized by a variable group of congenital anomalies that include complex cardiac malformations and situs inversus or situs ambiguus.,function:Involved in the correct establishment of the left-right axis. May play a role in mesoderm and/or neural patterning during gastrulation.,PTM:N-glycosylated.,similarity:Contains 1 EGF-like domain.,



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4°over night

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