



Rabbit Anti-Human PODXL Polyclonal antibody (CPBT-43804RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen

Podocalyxin fusion protein, sequence:

SPSPSPSPSQNATQTTTSSNKTAPTPASSVTIMATDTAQQSTVPTSKANEILASVKATT
LGVSSDSPGTTTLAQQVSGPVNTTVARGGGSGNPTTTIESPKSTKSADTTTATSTATAK
PNTTSSQNGAEDTTNSGGKSSHSVTDLTSTKAEHLTTPHPTSPLSPRQPTSTHPVATPT
SSGHDHLMKISSSSSTVAIPGYTFTSPGMTTTLPSVISQRTQQTSSQMPASSTAPSSQE
TVQPTSPATALRPTLPETMSSSPTAASTTHRYPKTPSPTVAHESNWAKCEDLETQTQSE
KQLVLNLTGNTLCAGGASDEKLISLICRAVKATFNPAQDKCGIRLASVPGSQTVVVKEIT
IHTKLPAKDVIYERLKDKEAGVSDMKLGDQGPPEEAEDRFMS (23-428 aa
encoded by BC093730)

Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB, IHC, FC, ELISA
Positive Control	HEK-293 cells, human kidney tissue, mouse kidney tissue, HepG2 cells
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Preservative	0.1% Sodium Azide

Storage

Store at -20°C. Aliquoting is unnecessary for -20°C storage.

BACKGROUND

Introduction

This gene encodes a member of the sialomucin protein family. The encoded protein was originally identified as an important component of glomerular podocytes. Podocytes are highly differentiated epithelial cells with interdigitating foot processes covering the outer aspect of the glomerular basement membrane. Other biological activities of the encoded protein include: binding in a membrane protein complex with Na⁺/H⁺ exchanger regulatory factor to intracellular cytoskeletal elements, playing a role in hematopoietic cell differentiation, and being expressed in vascular endothelium cells and binding to L-selectin.

Keywords

PODXL; podocalyxin-like; PC; PCLP; Gp200; PCLP-1; podocalyxin; GCTM-2 antigen; podocalyxin-like protein 1;

GENE INFORMATION

Entrez Gene ID

[5420](#)

UniProt ID

[O00592](#)
