



Anti-Collagen IV (native protein) polyclonal antibody (DPABH-17046)

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

PRODUCT INFORMATION

Specificity	Negligible cross-reactivity with Type I, II, III, V or VI collagens. Non-specific cross reaction of anti-collagen antibodies with other human serum proteins or non-collagen extracellular matrix proteins is negligible.
Immunogen	Full length native protein (purified) corresponding to Human Collagen IV aa 1-1669. Collagen Type IV from human and bovine placenta.Database link: P02462
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Hamster, Cow, Dog, Human, Pig, Zebrafish, African green monkey, Chinese Hamster, Syrian Hamster
Purification	Immunoaffinity chromatography using immobilized antigens followed by extensive cross-adsorption against other collagens, human serum proteins and non-collagen extracellular matrix proteins to remove any unwanted specificities.
Conjugate	Unconjugated
Applications	IHC-P
Format	Liquid
Size	100 µg
Buffer	Constituents: 0.125M Sodium borate, 0.075M Sodium chloride, 0.005M EDTA, pH 8.0
Preservative	0.01% Sodium Azide
Storage	Shipped at 4°C. Store at 4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long

term. Avoid freeze / thaw cycle.

BACKGROUND

Introduction

Type IV collagen is the major structural component of glomerular basement membranes (GBM), forming a chicken-wire meshwork together with laminins, proteoglycans and entactin/nidogen. Arresten, comprising the C-terminal NC1 domain, inhibits angiogenesis and

Keywords

AB collagen; Alpha 1 type V collagen; Alpha 2 type V collagen; Col5A1; Col5A2; COL5A2 protein; Col5A3; Collagen alpha 1(V) chain; Collagen alpha 2 (V) chain precursor; Collagen alpha 2(V) chain; Collagen alpha 3(V) chain; Collagen fetal membrane A polypep
