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Datasheet for ABIN6287299
anti-Col4a4 antibody (Internal Region)

Overview

Quantity:	50 µL
Target:	Col4a4 (Col4A4)
Binding Specificity:	AA 510-590, Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Col4a4 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal to COL4A4.
Immunogen:	Synthesized peptide derived from human COL4A4
Isotype:	IgG
Specificity:	COL4A4 Polyclonal Antibody detects endogenous levels of COL4A4 protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	Col4a4 (Col4A4)
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Target Details

Alternative Name: COL4A4 ([Col4A4 Products](#))

Molecular Weight: 163.999 kDa

Gene ID: 1286

UniProt: [P53420](#)

Application Details

Application Notes: IHC 1:100-1:300

IF 1:200-1:1000

ELISA 1:5000

Comment: Alpha 3 and alpha 4 type IV collagens are colocalized and present in kidney, eye, basement membranes of lens capsule, cochlea, lung, skeletal muscle, aorta, synaptic fibers, fetal kidney and fetal lung. PubMed:8083201 reports similar levels of expression of alpha 3 and alpha 4 type IV collagens in kidney, but PubMed:7523402 reports that in kidney levels of alpha 3 type IV collagen are significantly lower than those of alpha 4 type IV collagen. Highest levels of expression of alpha 4 type IV collagen are detected in kidney, calvaria, neuroretina and cardiac muscle. Lower levels of expression are observed in brain, lung and thymus, and no expression is detected in choroid plexus, liver, adrenal, pancreas, ileum or skin.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C, and avoid repeat freeze-thaw cycles.