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Collagen IV $\alpha 3$ (Cleaved-Pro1426) Antibody [#L0228]

Catalog Number: L0228

Concentration: 1mg/ml

Swiss-Prot No.: Q01955

Other Names: Collagen alpha-3(IV) chain [Precursor], Goodpasture antigen, Tumstatin, COL4A3

Storage/Stability: Store at -20°C /1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized peptide derived from human Collagen IV $\alpha 3$.

Purification: The antibody was affinity-purified from

rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity: Collagen IV $\alpha 3$ (Cleaved-Pro1426) antibody detects endogenous levels of fragment of activated Collagen IV $\alpha 3$ resulting from cleavage adjacent to Pro1426.

Reactivity: Human

Applications: WB: 1:500~1:3000 ELISA: 1:40000

References:

Mariyama M., J. Biol. Chem. 269:23013-23017(1994).

Heidet L., J. Am. Soc. Nephrol. 12:97-106(2001).

Hillier L.W., Nature 434:724-731(2005).

