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## Collagen IV $\alpha$ 3 (Cleaved-Leu1425) Antibody [#L0227]

**Catalog Number:** L0227

**Concentration:** 1mg/ml

**Swiss-Prot No.:** Q01955

**Other Names:** Collagen alpha-3(IV) chain; Goodpasture antigen; Tumstatin; COL4A3; CO4A3

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

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), 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-Leu1425) antibody detects endogenous levels of fragment of activated Collagen IV  $\alpha$ 3 resulting from cleavage adjacent to Leu1425.

**Reactivity:** Human

**Applications:** WB: 1:500~1:3000 ELISA: 1:1000

**References:**

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

Leinonen A., Submitted (OCT-1998) to the EMBL/GenBank/DDBJ databases.

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

