

## anti- Collagen Type VI antibody

### Product Information

Catalog No.:	FNab01846
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Type VI Collagen is a major structural component of microfibrils. Type VI Collagen was found to be present throughout the connective tissue and in the extracellular matrix of cultured fibroblasts(PMID: 6723253). It is a heterotrimer composed of three different chains: alpha-1(VI), alpha-2(VI), and alpha-3(VI) or alpha-5(VI) or alpha-6(VI). The alpha-1(VI) chain is encoded by COL6A1 gene. Mutations in this gene result in Bethlem myopathy and Ullrich congenital muscular dystrophy.

### Immunogen information

Immunogen:	collagen, type VI, alpha 1
Synonyms:	COL6A1, collagen 6A1, Collagen alpha 1(VI) chain, collagen, type VI, alpha 1, OPLL
Observed MW:	140 kDa
Uniprot ID :	P12109

### Application

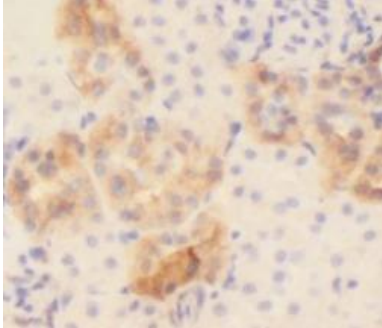
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IP

### Wuhan Fine Biotech Co., Ltd.

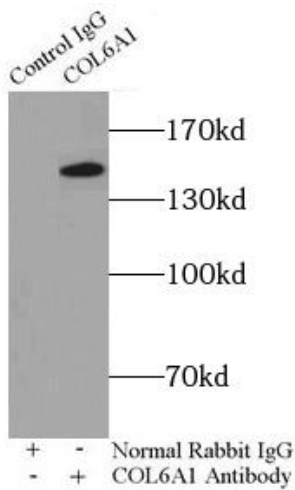
B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Recommended dilution: WB: 1:500-1:1000; IP: 1:500-1:1000; IHC: 1:50-1:200

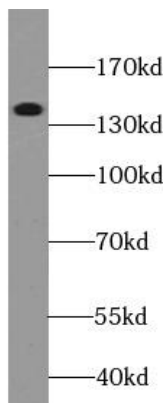
Image:



Immunohistochemistry of paraffin-embedded human kidney using FNab01846(COL6A1 antibody) at dilution of 1:100



IP Result of anti-Collagen Type VI (IP: FNab01846, 4ug; Detection: FNab01846 1:500) with mouse heart tissue lysate 8000ug.



human heart tissue were subjected to SDS PAGE followed by western blot with FNab01846(COL6A1 Antibody) at dilution of 1:600