

## anti- PTGER3 antibody

### Product Information

Catalog No.:	FNab10093
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
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

Receptor for prostaglandin E2(PGE2); the EP3 receptor may be involved in inhibition of gastric acid secretion, modulation of neurotransmitter release in central and peripheral neurons, inhibition of sodium and water reabsorption in kidney tubulus and contraction in uterine smooth muscle. The activity of this receptor can couple to both the inhibition of adenylate cyclase mediated by G-I proteins, and to an elevation of intracellular calcium. The various isoforms have identical ligand binding properties but can interact with different second messenger systems(By similarity).

### Immunogen information

Immunogen:	prostaglandin E receptor 3(subtype EP3)
Synonyms:	EP3, EP3 I, EP3 II, EP3 III, EP3 IV, EP3e, PGE receptor EP3 subtype, PGE2 R, PGE2 receptor EP3 subtype, Prostanoid EP3 receptor, PTGER3, PE2R3
Observed MW:	55 kDa, 70 kDa
Uniprot ID :	P43115

### Application

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### Wuhan Fine Biotech Co., Ltd.

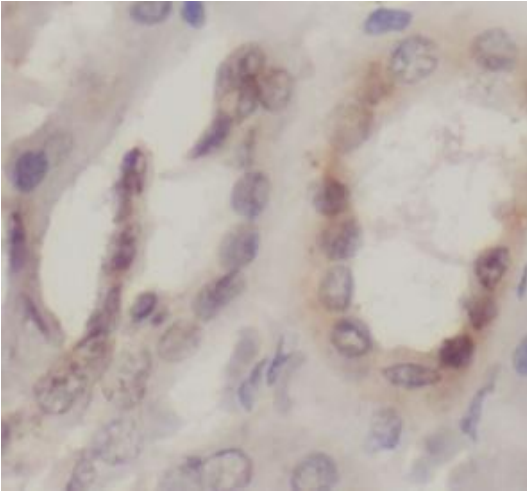
B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

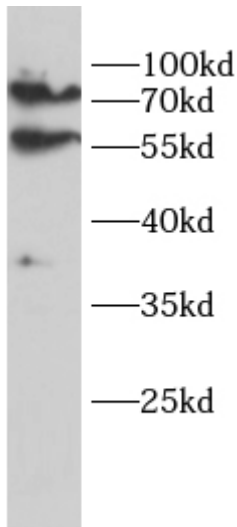
Fax: (0086)027-87800889

[www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Rat  
Tested Application: ELISA, WB, IHC  
Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200  
Image:



Immunohistochemistry of paraffin-embedded human kidney tissue slide using FNab10093(PTGER3 Antibody) at dilution of 1:200



HT1080 cells were subjected to SDS PAGE followed by western blot with FNab10093(PTGER3 antibody) at dilution of 1:1000