

PTGER3 antibody

Product Information

Catalog No.:	FNab06915
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).

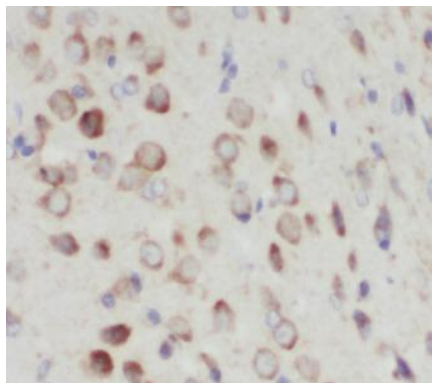
Immunogen information

Immunogen:	prostaglandin E receptor 3(subtype EP3)
Synonyms:	Prostaglandin E2 receptor EP3 subtype (PGE receptor EP3 subtype, PGE2 receptor EP3 subtype) PGE2-R Prostanoid EP3 receptor PTGER3
Observed MW:	48 kDa
Uniprot ID :	P43115

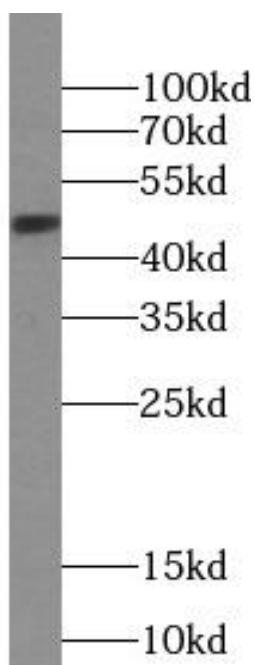
Application

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

Image:



Immunohistochemistry of paraffin-embedded human brain tissue slide using FNab06915 (PTGER3 Antibody) at dilution of 1:200



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab06915 (PTGER3 Antibody) at dilution of 1:500