

PPP1R8 antibody

Product Information

Catalog No.:	FNab06709
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

This gene, through alternative splicing, encodes three different isoforms. Two of the protein isoforms encoded by this gene are specific inhibitors of type 1 serine/threonine protein phosphatases and can bind but not cleave RNA. The third protein isoform lacks the phosphatase inhibitory function but is a single-strand endoribonuclease comparable to RNase E of *E. coli*. This isoform requires magnesium for its function and cleaves specific sites in A+U-rich regions of RNA.

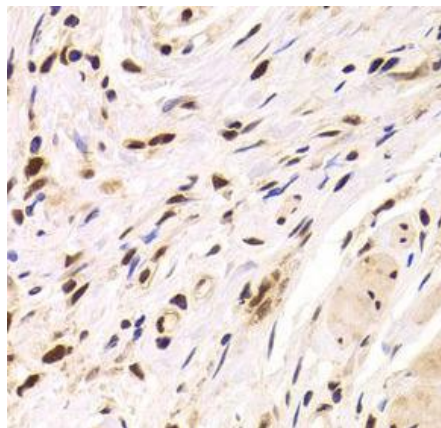
Immunogen information

Immunogen:	protein phosphatase 1, regulatory (inhibitor) subunit 8
Synonyms:	Nuclear inhibitor of protein phosphatase 1 (NIPP-1) Protein phosphatase 1 regulatory inhibitor subunit 8 PPP1R8 ARD1 NIPP1
Observed MW:	40 kDa
Uniprot ID :	Q12972

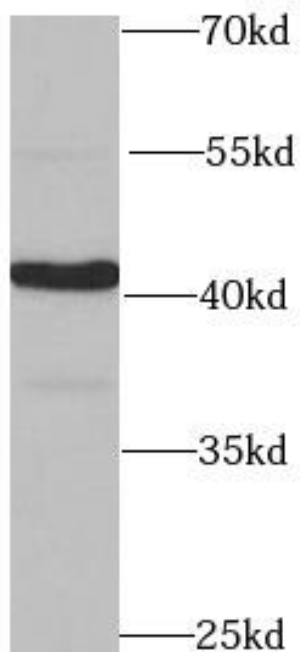
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, IHC, WB, IF
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human gastric cancer using FNab06709(PPP1R8 antibody) at dilution of 1:100



PC-3 cells were subjected to SDS PAGE followed by western blot with FNab06709(PPP1R8 antibody) at dilution of 1:1000