

anti- CNDP2 antibody

Product Information

Catalog No.:	FNab01795
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

Hydrolyzes a variety of dipeptides including L-carnosine but has a strong preference for Cys-Gly(PubMed:19346245). Acts as a functional tumor suppressor in gastric cancer via activation of the mitogen-activated protein kinase(MAPK) pathway. An elevated level of CNDP2 activates the p38 and JNK MAPK pathways to induce cell apoptosis, and a lower level of CNDP2 activates the ERK MAPK pathway to promote cell proliferation(PubMed:24395568). Isoform 2 may play a role as tumor suppressor in hepatocellular carcinoma(HCC) cells(PubMed:17121880). Catalyzes the production of N-lactoyl-amino acids from lactate and amino acids by reverse proteolysis(PubMed:25964343).

Immunogen information

Immunogen:	CNDP dipeptidase 2(metallopeptidase M20 family)
Synonyms:	CN2, CPGL, HEL-S-13, PEPA
Observed MW:	54 kDa
UniprotID :	Q96KP4

Application

Wuhan Fine Biotech Co., Ltd.

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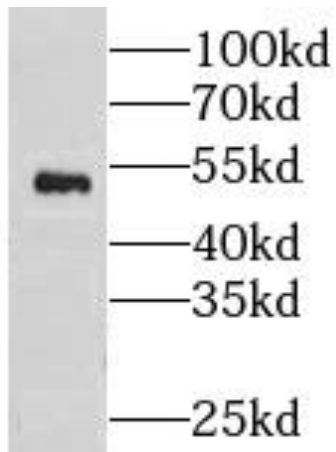
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Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB, IF

Recommended dilution: WB: 1:500-1:2000; IF: 1:20-1:200

Image:



PC-3 cells were subjected to SDS PAGE followed by western blot with FNab01795(CNDP2 antibody) at dilution of 1:200

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