

PYCR2 antibody

Product Information

Catalog No.:	FNab06972
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

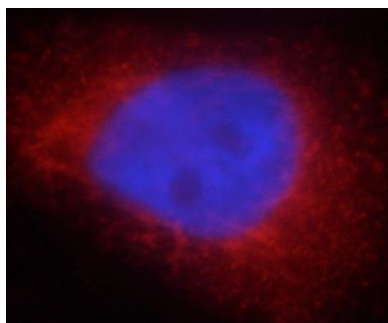
Housekeeping enzyme that catalyzes the last step in proline biosynthesis. In some cell types, such as erythrocytes, its primary function may be the generation of NADP(+). Can utilize both NAD and NADP. Has higher affinity for NADP, but higher catalytic efficiency with NADH(PubMed:2722838, PubMed:6894153). Involved in cellular response to oxidative stress(PubMed:25865492).

Immunogen information

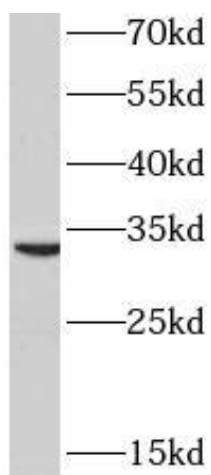
Immunogen:	pyrroline-5-carboxylate reductase family, member 2
Synonyms:	Pyrroline-5-carboxylate reductase 2 (P5C reductase 2, P5CR 2) PYCR2
Observed MW:	34 kDa
Uniprot ID :	Q96C36

Application

Reactivity:	Human
Tested Application:	ELISA, WB, IF
Recommended dilution:	WB: 1:500-1:1000; IF: 1:20-1:200
Image:	



Immunofluorescent analysis of HeLa cells using FNab06972(PYCR2 antibody) at dilution of 1:50 and Rhodamine-Goat anti-Rabbit IgG



Hela cells were subjected to SDS PAGE followed by western blot with FNab06972(PYCR2 antibody) at dilution of 1:800