anti- PHD3 antibody

Product Information

Catalog No.:	FNab06377
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℃ for 12 months (Avoid repeated freeze / thaw cycles.)

Background

EGLN3, also named as HPH-1, HIF-PH3, HPH-3 and PHD3, is a cellular oxygen sensor that catalyzes, under normoxic conditions, the post-translational formation of 4-hydroxyproline in hypoxia-inducible factor(HIF) alpha proteins. It hydroxylates a specific proline found in each of the oxygen-dependent degradation(ODD) domains(N-terminal, NODD, and C-terminal, CODD) of HIF1A. It is a regulator of cardiomyocyte and neuronal apoptosis. EGLN3 can be a prognostic marker for gastric cancer.

Immunogen information

Immunogen:	egl nine homolog 3
Synonyms:	Egl nine homolog 3, EGLN3, FLJ21620, HIF PH3, HIF prolyl hydroxylase 3, HIFPH3, HPH 1, HPH 3, PHD3
Observed MW:	28kd
UniprotID :	Q9H6Z9

Application

Reactivity:	Human

Wuhan Fine Biotech Co., Ltd.

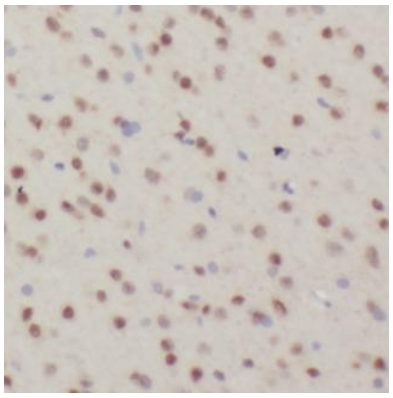
B9 Bld, High-Tech Medical Devices Park, No. 818 GaoxinAve.East Lake High-Tech Development Zone.Wuhan, Hubei, China(430206)

Tel :(0086)027-87384275 Fax: (0086)027-87800889 www.fn-test.com

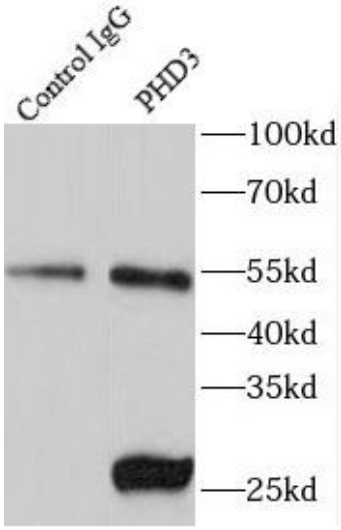
Tested Application: ELISA, WB, IHC, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:500-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human brain using FNab06377(EGLN3 antibody) at dilution of 1:50



IP Result of anti-PHD3 (IP:FNab06377, 4ug; Detection:FNab06377 1:500) with A375 cells lysate 3600ug.

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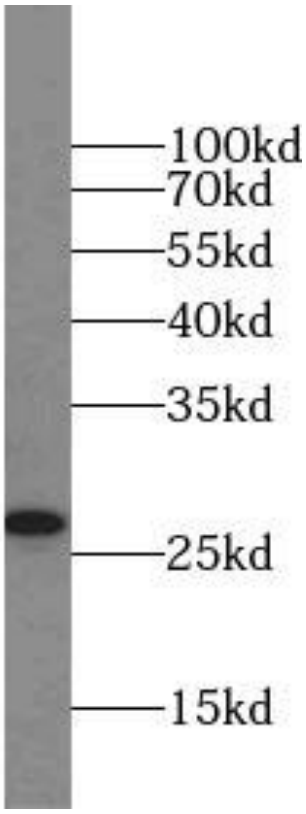

HT-1080 cells were subjected to SDS PAGE followed by western blot with FNab06377(EGLN3 antibody) at dilution of 1:1000

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