

# anti- HOPX antibody

#### **Product Information**

Catalog No.: FNab03970

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**

Atypical homeodomain protein which does not bind DNA and is required to modulate cardiac growth and development. Acts via its interaction with SRF, thereby modulating the expression of SRF-dependent cardiac-specific genes and cardiac development. Prevents SRF-dependent transcription either by inhibiting SRF binding to DNA or by recruiting histone deacetylase(HDAC) proteins that prevent transcription by SRF. Overexpression causes cardiac hypertrophy(By similarity). May act as a tumor suppressor.

### **Immunogen information**

Immunogen: HOP homeobox

Synonyms: HOD, HOP, LAGY, NECC1, OB1

Observed MW: 8-12kd Uniprot ID: Q9BPY8

### **Application**

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, IF, WB

### Wuhan Fine Biotech Co., Ltd.

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

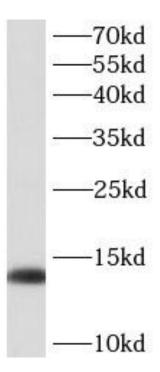
Tel:(0086)027-87384275 Fax: (0086)027-87800889 <u>www.fn-test.com</u>

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Recommended dilution: WB: 1:500-1:2000; IF: 1:50-1:200

Image:



mouse brain were subjected to SDS PAGE followed by western blot with FNab03970(HPOX antibody) at dilution of 1:1000