

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HOPX RABBIT MAB

Cat.#: N262355

Product Name: Anti-HOPX Rabbit Monoclonal Antibody

Synonyms: Hod; Hop; Obl; Obl; Hdop; Toto; Cameo; Al848177; AW490897; 1110018K11Rik; 1200015P04Rik; 2300002F06Rik

UNIPROT ID: Q8R1H0

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 (PubMed:12297045, PubMed:12297046). Acts as a co-chaperone for HSPA1A and HSPA1B chaperone proteins and assists in chaperone-mediated protein refolding. Immunogen: Recombinant protein of mouse HOPX Applications: WB,IP **Recommended Dilutions:** WB: 1/500-1/1000 IP: 1/20 Host Species: Rabbit **Clonality:** Rabbit Monoclonal **Clone ID:** R06-4F8 MW: Calculated MW: 8 kDa; Observed MW: 12 kDa Isotype: IgG Purification: Affinity Purified Species Reactivity: Human Conjugation: Unconjugated Modification: Unmodified **Constituents:** PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide **Research Areas:** Epigenetics and Nuclear Signaling Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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Western blot analysis of HOPX/HOD in Hela lysates using HOPX antibody.