

## HOPX RABBIT MAB

**Cat.#:** N262355

**Product Name:** Anti-HOPX Rabbit Monoclonal Antibody

**Synonyms:** Hod; Hop; Ob1; Ob1; Hdop; Toto; Cameo; A1848177; AW490897; I110018K11Rik; I200015P04Rik; I2300002F06Rik

**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

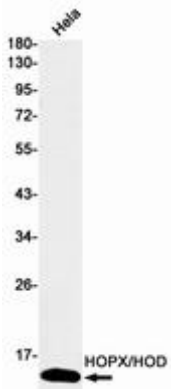
**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), 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



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