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Anti-Human/Mouse/Rat HSP40-4 Polyclonal Antibody

多克隆抗体

产品货号: PA09742

第三版

**描述:** DnaJ-like proteins interact with HSP 70 molecular chaperones and function to facilitate protein folding and mitochondrial protein import. HSP 40-4, also known as HDJ2, is the human DnaJ homolog that functions as a co-chaperone with a cysteine-rich zinc finger domain. The cellular redox enzyme thioredoxin interacts with HSP 40-4, and oxidation and reduction reversibly regulate HSP 40-4 function in response to the changing redox states of the cell. The zinc finger domain of HSP 40-4 may act as a redox sensor of chaperone-mediated protein-folding machinery, since HSP 40-4 inactivation leads to the oxidation of cysteine thiols and a simultaneous release of coordinated zinc. Loss of the HSP 40-4 protein may be linked to severe defects in spermatogenesis that involve aberrant androgen signaling.

**抗原:** Recombinant protein of human DNAJA1

**配方:**

**如何使用:** 加1ml超纯水重溶

**稳定性:** -20 ° C保存条件下，冻干粉,保质期为五年；液体，保质期为两年。

**稀释液:** PBS (pH7.4) ， 1% BSA

**应用:** WB 1 ~ 5 μg/ml.

**特异性:** Ubiquitous. Isoform 2 is highly expressed in testis and lung, but detected at low levels in thymus, prostate, colon and liver.