

**Anti-Human/Mouse OS9 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA10169**

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3th Edition

**Description:** This gene encodes a protein that is highly expressed in osteosarcomas. This protein binds to the hypoxia-inducible factor 1 (HIF-1), a key regulator of the hypoxic response and angiogenesis, and promotes the degradation of one of its subunits. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

**Antigen:** Recombinant protein of human OS9

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:** Ubiquitously expressed. Found as well in all tumor cell lines analyzed, amplified in sarcomas. Highly expressed in osteosarcoma OSA-CL and rhabdomyosarcoma RH30 cell lines. Isoform 2 is the major isoform detected in all cell types examined.