

## PAX7

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**Reactivity:**Human Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**57kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human PAX7

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HUP1; RMS2; PAX7B;

**Catalog #:**A7335

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5081

**Isotype:**IgG

**Swiss Prot:**P23759

**Purity:**Affinity purification

For research use only.

**Background:**

This gene is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. The specific function of the paired box 7 gene is unknown but speculated to involve tumor suppression since fusion of this gene with a forkhead domain family member has been associated with alveolar rhabdomyosarcoma. Three transcript variants encoding different isoforms have been found for this gene.

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