

AP55135SU-N**Polyclonal Antibody to Paired box protein Pax-7 (PAX7B) - Serum****Quantity:** 0.2 ml**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 gene 7 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. Alternative splicing in this gene has produced two known products but the biological significance of the variants is unknown.

Uniprot ID:[Q2PIS5](#)**NCBI:**[9606](#)**Host:**

Rabbit

Immunogen:

Synthetic peptide derived from C-terminal domain of PAX7B protein

Format:**State:** Lyophilized powder**Preservatives:** None**Reconstitution:** Restore in distilled water.**Applications:****ELISA.****Western Blot:** 1/200-1/1000.**Immunohistochemistry:** 1/50-1/200.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

Reacts with Human 55 kDa protein.

Cross reacts with PAX7B protein from Mouse, Rat and other species.

Storage:

Prior to reconstitution store the antibody at -20°C.

Store reconstituted antibody at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.