

# PAX9 Polyclonal antibody

Catalog Number: **13195-1-AP**

## Basic Information

**Catalog Number:**

13195-1-AP

**Size:**

N/A

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3897

**GenBank Accession Number:**

BC001159

**GeneID (NCBI):**

5083

**UNIPROT ID:**

P55771

**Full Name:**

paired box 9

**Calculated MW:**

341 aa, 36 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

ELISA

**Species Specificity:**

human, mouse, rat

## Background Information

PAX9, a member of the paired box-containing gene family, is closely related in its paired domain to PAX1. PAX9 is essential for the development of a variety of organs and skeletal elements, particularly the initial stage of odontogenesis. Mutations in PAX9 can cause selective tooth agenesis in humans. PAX9 is reported as a sensitive marker for deregulated differentiation of oesophageal keratinocytes, and it has a role in the normal differentiation process of internal stratified squamous epithelia.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

