

Rabbit anti-Human PAX9 Monoclonal Antibody | anti-PAX9 antibody

PAX9 Rabbit mAb

CATALOG # AAA282807	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

PAX9; Monoclonal Antibody; PAX9 Rabbit mAb; STHAG3; anti-PAX9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MEPAFGEVNQ LGGVFVNGRP LPNAIRLRIV ELAQLGIRPC DISRQLRVSH GCVSKILARY NETGSILPGA IGGSKPRVTT PTVVKHIRTY KQRDPGIFAW
Applicable Applications for anti-PAX9 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human PAX9 (P55771).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human breast cancer using PAX9 Rabbit mAb (AAA282807) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using PAX9 Rabbit mAb (AAA282807) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-PAX9 antibody	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. Mice lacking this gene exhibit impaired development of organs, musculature and the skeleton, including absent and abnormally developed teeth, and neonatal lethality. Mutations in the human gene are associated with selective tooth agenesis-3.
Product Categories/Family for anti-PAX9 antibody	Epigenetics Nuclear Signaling ; Transcription Factors ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	1854514
NCBI GeneID	5083
UniProt Accession #	P55771; Q99582; Q9UQR4
Molecular Weight	Calculated MW: 36kDa Observed MW: 36kDa
UniProt Protein Name	Paired box protein Pax-9
UniProt Gene Name	PAX9
UniProt Entry Name	PAX9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pax9-antibody-immunohistochemistry-western-blot-elisa/282807>