

DNAxPAb

Hard-to-Find
Antibody

SOX9 DNAxPab

Catalog # H00006662-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human SOX9 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MNLLDPFMKMTDEQEKGSLGAPSPMTSEDSAGSPCPSGSGSDTENTRPQENTFPKGEPDLKK
ESEEDKFPVCIREAVSQVLKGYDWTLVPMPVRVNGSSKNKPHVKRPMNAFMVWAQAARRKLA
DQYPHLHNAELSKTLGKLWRLLENESEKRPFVEEAERLRVQHKKDHPDYKYQPRRRKSVKNGQA
EAEATEQTHISPNAIFKALQADSPHSSSGMSEVHSPGEHSGQSQGPPTPPTPKTDVQPGKAD
LKREGRPLPEGGRQPPIDFRDVDIGELSSDVISNIETFDVNEFDQYLPPNGHPGVPATHGQVYTGT
SYGISSTAATPASAGHVWMSKQQAPPPPPQPPQAPPAPQAPPQQAAPPQQAAPPQQA
HTLTTLSSPEGQSQRTHIKTEQLSPSHYSEQQQHSPQQIAYSPFNLPHYSPSYPPITRSQYDYTDHQ
NSSSYSHAAGQGTGLYSTFTYMNPAQRPMYTPADTSGVPSIPQTHSPQHWEPVYTQLTRP

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SOX9

Entrez GeneID [6662](#)

GeneBank Accession# [NM_000346.2](#)

Protein Accession# [NP_000337.1](#)

Gene Name SOX9

Gene Alias CMD1, CMPD1, SRA1

Gene Description SRY (sex determining region Y)-box 9

Omim ID [114290 608160](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene recognizes the sequence CCTTGAG along with other members of the HMG-box class DNA-binding proteins. It acts during chondrocyte differentiation and, with steroidogenic factor 1, regulates transcription of the anti-Muellerian hormone (AMH) gene. Deficiencies lead to the skeletal malformation syndrome campomelic dysplasia, frequently with sex reversal. [provided by RefSeq]

Other Designations SRY (sex determining region Y)-box 9 (campomelic dysplasia, autosomal sex-reversal)|SRY (sex-determining region Y)-box 9 (campomelic dysplasia, autosomal sex-reversal)|SRY (sex-determining region Y)-box 9 protein|campomelic dysplasia, autosomal sex-revers

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Hypospadias](#)
- [Ovarian Neoplasms](#)
- [Sex determination](#)