

For Research Use Only

# SOX2 Polyclonal antibody

Catalog Number: 21965-1-AP



## Basic Information

Catalog Number:

21965-1-AP

Size:

150ul

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16794

GenBank Accession Number:

BC013923

GeneID (NCBI):

6657

UNIPROT ID:

P48431

Full Name:

SRY (sex determining region Y)-box 2

Calculated MW:

317 aa, 34 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

ELISA

Species Specificity:

human

## Background Information

Sox2, also known as SRY (sex determining region Y)-box 2, is a transcription factor essential for maintaining self-renewal of undifferentiated ES cells and is one of the key transcription factors used to reprogram mouse and human fibroblasts to a pluripotent state. Sox2 expressed in undifferentiated pluripotent stem cells and germ cells during development. Affinity purified rabbit anti-Sox2 antibody can be used to demonstrate pluripotency of ES and iPS cells. This antibody is a rabbit polyclonal antibody raised against residues near the C terminus of human SOX2.

## Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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