

# SOX2 Polyclonal antibody

Catalog Number: 21965-1-AP

## Basic Information

<b>Catalog Number:</b> 21965-1-AP	<b>GenBank Accession Number:</b> BC013923	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul	<b>GeneID (NCBI):</b> 6657	
<b>Source:</b> Rabbit	<b>Full Name:</b> SRY (sex determining region Y)-box 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 317 aa, 34 kDa	
<b>Immunogen Catalog Number:</b> AG16794		

## 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 pH 7.3.

**Aliquoting is unnecessary for -20°C storage**

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

