



## Anti-SOX8 (aa 102-210) polyclonal antibody (DPAB-DC1550)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional activator after forming a protein complex with other proteins. This protein may be involved in brain development and function. Haploinsufficiency for this protein may contribute to the mental retardation found in haemoglobin H-related mental retardation (ART-16 syndrome).
<b>Immunogen</b>	SOX8 (NP_055402, 102 a.a. ~ 210 a.a) partial recombinant protein with GST tag. The sequence is  VKRPMNAFMVWAQAARRKLADQYPHLHNAAELSCTLGKLWRLLSESEKRPFVEEAERLRVQ HKKDHPDYKYQPRRRKSAKAGHSDSDSGAELGPHPGGGAVYKAEAGLGD
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">SOX8 SRY (sex determining region Y)-box 8 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	SOX8
<b>Synonyms</b>	SOX8; SRY (sex determining region Y)-box 8; transcription factor SOX-8;
<b>Entrez Gene ID</b>	<a href="#">30812</a>
<b>Protein Refseq</b>	<a href="#">NP_055402</a>
<b>UniProt ID</b>	<a href="#">P57073</a>
<b>Chromosome Location</b>	16p13.3
<b>Function</b>	DNA binding; RNA polymerase II core promoter sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription factor binding