



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

Antigen Description	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).
Immunogen	SOX8 (NP_055402, 102 a.a. ~ 210 a.a) partial recombinant protein with GST tag. The sequence is VKRPMNAFMVWAQAARRKLADQYPHLHNAELSKTLGKLWRLLESEKRPFVEEAERLRVQ HKKDHPDYKYQPRRRKSAKAGHSDSDSGAELGPHPGGGAVYKAEAGLGD
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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