



Anti-SOX6 (aa 1-109) polyclonal antibody (DPAB-DC2413)

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 D subfamily of sex determining region y-related transcription factors that are characterized by a conserved DNA-binding domain termed the high mobility group box and by their ability to bind the minor groove of DNA. The encoded protein is a transcriptional activator that is required for normal development of the central nervous system, chondrogenesis and maintenance of cardiac and skeletal muscle cells. The encoded protein interacts with other family members to cooperatively activate gene expression. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Mar 2009]
Immunogen	SOX6 (NP_201583, 1 a.a. ~ 109 a.a) partial recombinant protein with GST tag. The sequence is MSSKQATSPFACAADGEDAMTQDLTSREKEEGSDQHVASHLPLHPIMHNKPHSEELPTLV STIQQDADWDSVLSSQQRMESEENNKLCSLYSFRNTSTSPHKPDEGSRDR
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), 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	SOX6 SRY (sex determining region Y)-box 6 [Homo sapiens (human)]
Official Symbol	SOX6
Synonyms	SOX6; SRY (sex determining region Y)-box 6; SOXD; HSSOX6; transcription factor SOX-6; SRY-box containing gene 6;
Entrez Gene ID	55553
Protein Refseq	NP_001139283
UniProt ID	P35712
Chromosome Location	11p15.3
Pathway	Endochondral Ossification;
Function	DNA binding; protein binding; protein heterodimerization activity; sequence-specific DNA binding