



## Anti-SIX4 (aa 672-780) polyclonal antibody (DPAB-DC2211)

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 homeobox family, subfamily SIX. The drosophila homolog is a nuclear homeoprotein required for eye development. Studies in mouse show that this gene product functions as a transcription factor, and may have a role in the differentiation or maturation of neuronal cells.
<b>Immunogen</b>	SIX4 (NP_059116, 672 a.a. ~ 780 a.a) partial recombinant protein with GST tag. The sequence is GQDLLSVPMTQAALGEIVPTAEDQVGHPSAVHQDFVQEHRQLVLQSVANMKENFLSNES KATSSLMMMLDSKSKYVLDGMVDTVCEDLETDKKEALKLQTVQLDEDMQD
<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="#">SIX4 SIX homeobox 4 [ Homo sapiens (human) ]</a>
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<b>Official Symbol</b>	SIX4
<b>Synonyms</b>	SIX4; SIX homeobox 4; AREC3; homeobox protein SIX4; sine oculis homeobox homolog 4;
<b>Entrez Gene ID</b>	<a href="#">51804</a>
<b>Protein Refseq</b>	<a href="#">NP_059116</a>
<b>UniProt ID</b>	<a href="#">Q9UIU6</a>
<b>Chromosome Location</b>	14q23
<b>Pathway</b>	Transcriptional misregulation in cancer;
<b>Function</b>	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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