



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

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| Antigen Description | 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. |
| Immunogen | SIX4 (NP_059116, 672 a.a. ~ 780 a.a) partial recombinant protein with GST tag. The sequence is GQDLLSVPM TQAALGEIVPTAEDQVGHPSPAVHQDFVQEHLVLQSVANMKENFLSNS KATSSLMMMLDSKSKYVLDGMVDTVCEDLETDKKELAKLQTVQLDEDMQD |
| 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 [SIX4 SIX homeobox 4 \[Homo sapiens \(human\) \]](#)

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| Official Symbol | SIX4 |
| Synonyms | SIX4; SIX homeobox 4; AREC3; homeobox protein SIX4; sine oculis homeobox homolog 4; |
| Entrez Gene ID | 51804 |
| Protein Refseq | NP_059116 |
| UniProt ID | Q9UIU6 |
| Chromosome Location | 14q23 |
| Pathway | Transcriptional misregulation in cancer; |
| Function | sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; |