



# Anti-HOXA4 (internal region) polyclonal antibody (DPAB-DC680)

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

## PRODUCT INFORMATION

|                            |  |
|----------------------------|--|
| <b>Antigen Description</b> | HOXA4 (homeobox A4) is a protein-coding gene. Diseases associated with HOXA4 include megacolon, and abdominal aortic aneurysm. GO annotations related to this gene include sequence-specific DNA binding and sequence-specific DNA binding transcription factor activity. An important paralog of this gene is GSX1. |
| <b>Immunogen</b>           | A synthetic peptide corresponding to amino acids at internal region of mouse Hoxa4. The sequence is C-DQGPAGPKGKEP   |
| <b>Source/Host</b>         | Goat   |
| <b>Species Reactivity</b>  | Mouse  |
| <b>Purification</b>        | Antigen affinity purification  |
| <b>Conjugate</b>           | Unconjugated   |
| <b>Applications</b>        | ELISA,   |
| <b>Format</b>              | Liquid   |
| <b>Concentration</b>       | 0.5 mg/mL  |
| <b>Size</b>                | 100 µg   |
| <b>Buffer</b>              | In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)  |
| <b>Preservative</b>        | 0.02% Sodium Azide   |
| <b>Storage</b>             | Store at -20°C. Aliquot to avoid repeated freezing and thawing.  |

# GENE INFORMATION

|                     |  |
|---------------------|--|
| Gene Name           | <a href="#">Hoxa4 homeobox A4 [ Mus musculus (house mouse) ]</a>   |
| Official Symbol     | HOXA4  |
| Synonyms            | HOXA4; homeobox A4; Hox-1.4; AV206827; homeobox protein Hox-A4; homeo box A4; homeobox protein MH-3; homeobox protein Hox-1.4; |
| Entrez Gene ID      | <a href="#">15401</a>  |
| Protein Refseq      | <a href="#">NP_032291</a>  |
| UniProt ID          | <a href="#">P06798</a>   |
| Chromosome Location | 6 B3; 6 25.4 cM  |
| Function            | DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;                       |