



Anti-MORC1 (aa 1-100) polyclonal antibody (DPAB-DC1354)

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 the human homolog of mouse morc and like the mouse protein it is testis-specific. Mouse studies support a testis-specific function since only male knockout mice are infertile; infertility is the only apparent defect. These studies further support a role for this protein early in spermatogenesis, possibly by affecting entry into apoptosis because testis from knockout mice show greatly increased numbers of apoptotic cells. |
| Immunogen | MORC1 (NP_055244, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. The sequence is MDDRYPALQRAQLRLDFIHANSTTHSFLGALAEELLDNARDAGAERLDVFSVDNEKLQGG FMLCFLDDGCGMSPEEASDIYFGRSKKRLSTLFIGQYQ |
| 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

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| Gene Name | MORC1 MORC family CW-type zinc finger 1 [Homo sapiens (human)] |
| Official Symbol | MORC1 |
| Synonyms | MORC1; MORC family CW-type zinc finger 1; CT33; MORC; ZCW6; MORC family CW-type zinc finger protein 1; cancer/testis antigen 33; microrchidia, mouse, homolog of; |
| Entrez Gene ID | 27136 |
| Protein Refseq | NP_055244 |
| UniProt ID | Q86VD1 |
| Chromosome Location | 3q13 |
| Function | ATP binding; zinc ion binding; |
