



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

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 MDDRYPALQRAQLRLDFIHANSTTHSFLFGALAELLDNARDAGAERLDVFSVDNEKLQGG FMLCFLDDGCGMSPEEASDIIYFGRSKRLSTLKFIGQYG
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	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;