



## Anti-RNF4 (aa 107-190) polyclonal antibody (DPAB-DC2707)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	The protein encoded by this gene contains a RING finger motif and acts as a transcription regulator. This protein has been shown to interact with, and inhibit the activity of, TRPS1, a transcription suppressor of GATA-mediated transcription. Transcription repressor ZNF278/PATZ is found to interact with this protein, and thus reduce the enhancement of androgen receptor-dependent transcription mediated by this protein. Studies of the mouse and rat counterparts suggested a role of this protein in spermatogenesis. A pseudogene of this gene is found on chromosome 1.[provided by RefSeq, Jul 2010]
<b>Immunogen</b>	RNF4 (NP_002929, 107 a.a. ~ 190 a.a) partial recombinant protein with GST tag. The sequence is  YVTTHTPRNARDEGATGLRPSGTVSCPICMDGYSEIVQNGRLIVSTECGHVFCSQCLRDS LKNANTCPTCRKKINHKRYHPIYI
<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

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<b>Gene Name</b>	<a href="#">RNF4 ring finger protein 4 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	RNF4
<b>Synonyms</b>	RNF4; ring finger protein 4; SLX5; SNURF; RES4-26; E3 ubiquitin-protein ligase RNF4; E3 ubiquitin ligase RNF4; small nuclear RING finger protein;
<b>Entrez Gene ID</b>	<a href="#">6047</a>
<b>Protein Refseq</b>	<a href="#">NP_001171938</a>
<b>UniProt ID</b>	<a href="#">P78317</a>
<b>Chromosome Location</b>	4p16.3
<b>Pathway</b>	Adaptive Immune System; Antigen processing: Ubiquitination & Class I MHC mediated antigen processing & Immune System.
<b>Function</b>	DNA binding; SUMO polymer binding; androgen receptor binding; ligase activity

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