



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

Antigen Description	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]
Immunogen	RNF4 (NP_002929, 107 a.a. ~ 190 a.a) partial recombinant protein with GST tag. The sequence is YVTTHTPRNDARDEGATGLRPSGTVSCPICMDGYSEIVQNGRLIVSTECGHVFCQCLRDS LKNANTCPTCRKKINHKRYHPIYI
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	RNF4 ring finger protein 4 [Homo sapiens (human)]
Official Symbol	RNF4
Synonyms	RNF4; ring finger protein 4; SLX5; SNURF; RES4-26; E3 ubiquitin-protein ligase RNF4; E3 ubiquitin ligase RNF4; small nuclear RING finger protein;
Entrez Gene ID	6047
Protein Refseq	NP_001171938
UniProt ID	P78317
Chromosome Location	4p16.3
Pathway	Adaptive Immune System; Antigen processing: Ubiquitination & Class I MHC mediated antigen processing & Immune System.
Function	DNA binding; SUMO polymer binding; androgen receptor binding; ligase activity