



## Anti-RING1 (aa 81-170) polyclonal antibody (DPAB-DC2699)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene belongs to the RING finger family, members of which encode proteins characterized by a RING domain, a zinc-binding motif related to the zinc finger domain. The gene product can bind DNA and can act as a transcriptional repressor. It is associated with the multimeric polycomb group protein complex. The gene product interacts with the polycomb group proteins BMI1, EDR1, and CBX4, and colocalizes with these proteins in large nuclear domains. It interacts with the CBX4 protein via its glycine-rich C-terminal domain. The gene maps to the HLA class II region, where it is contiguous with the RING finger genes FABGL and HKE4.
<b>Immunogen</b>	RING1 (NP_002922, 81 a.a. ~ 170 a.a) partial recombinant protein with GST tag. The sequence is  NKECPTCRKKLVSKRSLRPDPNFDALISKIYPSREEYEAHQDRVLIRLSRLHNQQALSSS IEEGLRMQAMHRAQRVRRPIPGSDQTTMS
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), 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

<b>Gene Name</b>	<a href="#">RING1 ring finger protein 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	RING1
<b>Synonyms</b>	RING1; ring finger protein 1; RNF1; RING1A; E3 ubiquitin-protein ligase RING1; polycomb complex protein RING1; really interesting new gene 1 protein;
<b>Entrez Gene ID</b>	<a href="#">6015</a>
<b>Protein Refseq</b>	<a href="#">NP_002922</a>
<b>UniProt ID</b>	<a href="#">Q06587</a>
<b>Chromosome Location</b>	6p21.3
<b>Pathway</b>	Cellular Senescence; Delta-Notch Signaling Pathway;
<b>Function</b>	chromatin binding; ligase activity; protein binding; ubiquitin-protein transferase activity