



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

Antigen Description	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.
Immunogen	RING1 (NP_002922, 81 a.a. ~ 170 a.a) partial recombinant protein with GST tag. The sequence is NKECPTCRKKLVSKRSLRPDPNFDALISKIYPSREEYEAHQDRVLRSLRLHNQQALSSS IEEGLRMQAMHRAQRVRRPIPGSDQTTTMS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), 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	RING1 ring finger protein 1 [Homo sapiens (human)]
Official Symbol	RING1
Synonyms	RING1; ring finger protein 1; RNF1; RING1A; E3 ubiquitin-protein ligase RING1; polycomb complex protein RING1; really interesting new gene 1 protein;
Entrez Gene ID	6015
Protein Refseq	NP_002922
UniProt ID	Q06587
Chromosome Location	6p21.3
Pathway	Cellular Senescence; Delta-Notch Signaling Pathway;
Function	chromatin binding; ligase activity; protein binding; ubiquitin-protein transferase activity