



Anti-RAD50 polyclonal antibody (DPAB-DC821)

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

PRODUCT INFORMATION

Antigen Description	RAD50 (RAD50 homolog (<i>S. cerevisiae</i>)) is a protein-coding gene. Diseases associated with RAD50 include nijmegen breakage syndrome-like disorder, and nijmegen breakage syndrome, and among its related super-pathways are Non-homologous end joining and Fanconi's Anaemia Pathway. GO annotations related to this gene include 3'-5' exonuclease activity and protein binding, bridging.
Specificity	This antibody is specific to Rad50.
Immunogen	Recombinant protein corresponding to mouse Rad50.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Hamster, Human, Mouse
Conjugate	Unconjugated
Applications	WB, IP,
Format	Liquid
Size	100 µl
Buffer	In antiserum (0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at 4°C. Do not freeze.

GENE INFORMATION

Gene Name	Rad50 RAD50 homolog (S. cerevisiae) [Mus musculus (house mouse)]
Official Symbol	RAD50
Synonyms	RAD50; RAD50 homolog (S. cerevisiae); Mrell; Rad50l; DNA repair protein RAD50; mRad50;
Entrez Gene ID	19360
Protein Refseq	NP_033038
UniProt ID	Q5SV02
Chromosome Location	11 A5-B1; 11 31.98 cM
Pathway	Assembly of the RAD50-MRE11-NBS1 complex at DNA double-strand breaks; BRCA1-associated genome surveillance complex (BASC); Cellular responses to stress; DNA Repair
Function	contributes_to 3-5 exonuclease activity; ATP binding; contributes_to ATP-dependent DNA helicase activity; DNA binding