RAD Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RAD, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. japonica (Rice) RAD Polyclonal Antibody
Product Gene Name	anti-RAD antibody
Product Synonym Names	RAD Antibody; Flap endonuclease GEN-like 1; OsGEN-L; Protein OsGEN-like; EC 3.1.-.-; OsRAD; RAD GEN1 Os09g0521900 LOC_Os09g35000 OsJ_016655 OsJ_17430 OSJNOa273B05.7
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Oryza sativa subsp. japonica (Rice)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	70,757 Da
3D Structure	ModBase 3D Structure for Q64MA3
Immunogen	Recombinant Oryza sativa subsp. japonica (Rice) RAD protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RAD antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-RAD antibody	MBS7196187 is an antibody targeting RAD. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) RAD Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-RAD antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RAD. It may not necessarily be applicable to this product.

NCBI GI #	1002294374
NCBI GeneID	4347617
NCBI Accession #	XP_015610616.1
UniProt Primary Accession #	Q64MA3
UniProt Secondary Accession #	B7E8Q8

UniProt Related Accession #	Q64MA3
GenBank Nucleotide #	XM_015755130.1
NCBI Official Full Name	flap endonuclease GEN-like 1
NCBI Official Symbol	LOC4347617
NCBI Official Synonym Symbols	RAD; GEN1; OsRAD; OsGEN-L; OsJ_016655
UniProt Protein Name	Flap endonuclease GEN-like 1
UniProt Synonym Protein Names	OsRAD
Protein Family	Transcription factor
UniProt Gene Name	RAD
UniProt Synonym Gene Names	GEN1; OsGEN-L; Protein OsGEN-like
NCBI Protein Information	flap endonuclease GEN-like 1
UniProt Comments for RAD	Endonuclease which cleaves flap structures at the junction between single-stranded DNA and double-stranded DNA. Possesses both single-stranded and double-stranded DNA-binding activities. Involved in early microspore development, but does not alter meiosis or tapetal cells development (PubMed:15792960, PubMed:22247560). Possesses Holliday junction (HJ) resolvase activity in vitro. Cleaves HJ at symmetrically related sites of the branch point (PubMed:22247560).
Research Articles on RAD	**1.** GEN1 is essential for homologous recombinational DNA repair at two stages of microsporogenesis in rice.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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