

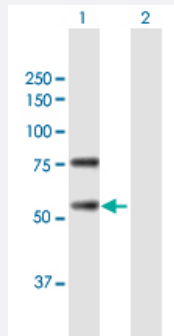
MaxPab®

REC8 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009985-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of REC8 expression in transfected 293T cell line ([H00009985-T02](#)) by REC8 MaxPab polyclonal antibody.

Lane 1: REC8 transfected lysate (62.70 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human REC8 protein.
Immunogen	REC8 (AAH04159.1, 1 a.a. ~ 547 a.a) full-length human protein.
Sequence	MFYYPNVLQRHTGCFATWLAATRGSRSLVKREYLRVNVVKTC EEILNYVLVRVQPPQPGLPRPRFS LYLSAQLQIGVIRVYSQQCQYLVEDIQHILERLHRAQLQIRIDMETELPSLLLPNHLAMMETLEDAPD PFFGMMSVDPRLPSPFDIPQIRHLLAAIPERVEEIPPEVPTPREPERIPVTVLPPEAITLEAEPIR MLEIEGERELPEVSRRELDLLIAEEEEAILLEIPRLPPPAPAEVEGIGEALGPEELRLTGWEPGALL MEVTPPEELRLPAPPSPERRPPVPPPPRRRRRRRLLFWDKETQISPEKFQEQLQTRAHCWEC MVQPPERTIRGPAELFRTPTLSGWLPEELLGLWTHCAQPPPKALRRELPEEAAAAEEERRKIEVPS EIEVPREALEPSFPLMVSLEISLEAAAAEEKSRLIPPEERWAWPEVEAPEAPALPVVPELPEVPM EMPLVLPPELELLSLEAVHRAVALELQANREPDFSSLVSPLSPRRMAARVFYLLLVLSAQQILHVK QEKPYGRLLIQPGPRFH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (70); Rat (70)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

Gene Info — REC8

Entrez GeneID
[9985](#)
GeneBank Accession#
[BC004159.2](#)
Protein Accession#
[AAH04159.1](#)
Gene Name

REC8

Gene Alias

HR21spB, MGC950, REC8L1, Rec8p

Gene Description

REC8 homolog (yeast)

Omim ID
[608193](#)
Gene Ontology
[Hyperlink](#)
Gene Summary

This gene encodes a member of the kleisin family of SMC (structural maintenance of chromosome) protein partners. The protein localizes to the axial elements of chromosomes during meiosis in both oocytes and spermatocytes. In the mouse, the homologous protein is a key component of the meiotic cohesion complex, which regulates sister chromatid cohesion and recombination between homologous chromosomes. Multiple alternatively spliced variants, encoding the same protein, have been found for this gene. [provided by RefSeq]

Other Designations

REC8 homolog|REC8-like 1|cohesion rec8p|human homolog of rad21, S. pombe|meiotic recombination and sister chromatid cohesion phosphoprotein of the rad21p family|meiotic recombination protein REC8-like 1|recombination and sister chromatid cohesion protein

Disease

- [Azoospermia](#)
- [Genetic Predisposition to Disease](#)
- [Oligospermia](#)