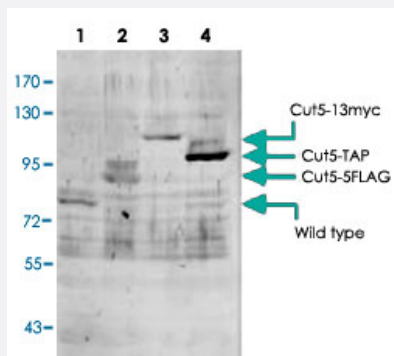


Cut5 polyclonal antibody

Catalog # PAB15586 Size 100 uL

Applications



Western Blot (Cell lysate)

Identification of the Cut5 protein in the crude extract of *S. pombe* with Cut5 polyclonal antibody (Cat # PAB15586).

Samples were prepared by alkali-lysis of the cells followed by TCA precipitation of proteins.

Lane 1 : Wild-type cells.

Lane 2: The cut5-5Flag gene replacing the wild-type cut5 gene.

Lane 3 : The cut5-13myc gene replacing the wild type gene.

Lane 4 : The cut-TAP gene replacing the wild-type gene.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant Cut5.
Immunogen	Recombinant GST fusion protein corresponding to N-terminus half <i>Schizosaccharomyces pombe</i> Cut5.
Host	Rabbit
Reactivity	<i>S. pombe</i>
Specificity	This antibody reacts with <i>S. pombe</i> Cut5.
Form	Liquid
Recommend Usage	Western Blot (1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In antiserum (0.05% sodium azide)
Storage Instruction	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Lane 4 : The cut-TAP gene replacing the wild-type gene.

Gene Info — cut5

Entrez GeneID	2543281
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Gene Name	cut5
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Gene Alias	dre3, rad4
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Gene Description	BRCT domain protein Rad4
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Gene Ontology	Hyperlink
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Other Designations	-
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Publication Reference

- [Damage and replication checkpoint control in fission yeast is ensured by interactions of Crb2, a protein with BRCT motif, with Cut5 and Chk1.](#)

Saka Y, Esashi F, Matsusaka T, Mochida S, Yanagida M.

Genes & Development 1997 Dec; 11(24):3387.

Application: IP, WB-Ce, WB-Tr, Yeast, Yeast cells

- [Fission yeast cut5 links nuclear chromatin and M phase regulator in the replication checkpoint control.](#)

Saka Y, Fantes P, Sutani T, McInerney C, Creanor J, Yanagida M.

The EMBO Journal 1994 Nov; 13(22):5319.