

Product datasheet

Human Mad2L2/REV7 peptide ab11254

Description

Product name	Human Mad2L2/REV7 peptide
Biological activity	This product can be used as the blocking peptide for ab3630 .
Purity	> 95 % HPLC.
Animal free	No
Nature	Synthetic
Species	Human
Sequence	TLTRQDLNFGQV (amino acids 1-14) of human Mad2L2.
Amino acids	3 to 14

Specifications

Our [Abpromise guarantee](#) covers the use of **ab11254** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Form	Liquid
Additional notes	This product can be used as the blocking peptide for ab3630 . This product was previously labelled as Mad2L2

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: 0.02% Sodium azide Constituent: PBS
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General Info

Function	Adapter protein able to interact with different proteins and involved in different biological processes. Mediates the interaction between the error-prone DNA polymerase zeta catalytic subunit REV3L and the inserter polymerase REV1, thereby mediating the second polymerase
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switching in translesion DNA synthesis. Translesion DNA synthesis releases the replication blockade of replicative polymerases, stalled in presence of DNA lesions. May also regulate another aspect of cellular response to DNA damage through regulation of the JNK-mediated phosphorylation and activation of the transcriptional activator ELK1. Inhibits the FZR1- and probably CDC20-mediated activation of the anaphase promoting complex APC thereby regulating progression through the cell cycle. Regulates TCF7L2-mediated gene transcription and may play a role in epithelial-mesenchymal transdifferentiation.

Tissue specificity	Ubiquitously expressed.
Sequence similarities	Contains 1 HORMA domain.
Cellular localization	Nucleus. Cytoplasm > cytoskeleton > spindle. Cytoplasm.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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