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TREX2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP8558b

Specification

TREX2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9BQ50

TREX2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 11219

Other Names
Three prime repair exonuclease 2, 3'-5' exonuclease TREX2, TREX2

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP8558b was selected from the C-term region of human TREX2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TREX2 Antibody (C-term) Blocking Peptide - Protein Information

Name TREX2

Function
Exonuclease with a preference for double-stranded DNA with mismatched 3' termini. May play a role in DNA repair.

Cellular Location
Nucleus.

Tissue Location
Detected in heart, breast, prostate, skeletal muscle, testis, uterus, bone marrow, colon, small intestine, stomach and thymus.

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TREX2 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

TREX2 Antibody (C-term) Blocking Peptide - Images

TREX2 Antibody (C-term) Blocking Peptide - Background

TREX2 is a protein with 3' exonuclease activity. Enzymes with this activity are involved in DNA replication, repair, and recombination. Similarity to an E. coli protein suggests that this enzyme may be a subunit of DNA polymerase III, which does not have intrinsic exonuclease activity.

TREX2 Antibody (C-term) Blocking Peptide - References

Hur,J.W., et.al., Rheumatol. Int. 28 (8), 783-789 (2008)Chen,M.J., et.al., Nucleic Acids Res. 35 (8), 2682-2694 (2007)