

#### Mut-16 Antibody (N-term) Blocking Peptide Synthetic peptide

Catalog # BP1960a

# Specification

# Mut-16 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession

<u>062011</u>

# Mut-16 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 172873

Target/Specificity

The synthetic peptide sequence used to generate the antibody <a href=/product/products/AP1960a>AP1960a</a> was selected from the N-term region of human Mut-16. 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.

# Mut-16 Antibody (N-term) Blocking Peptide - Protein Information

Name 062011

# Mut-16 Antibody (N-term) Blocking Peptide - Protocols

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

#### <u>Blocking Peptides</u>

Mut-16 Antibody (N-term) Blocking Peptide - Images

# Mut-16 Antibody (N-term) Blocking Peptide - Background

Mut-16 encodes a glutamine/asparagine (Q/N)-rich domain-containing protein that lacks obvious homologs outside of other nematode species; MUT-16 activity is required for RNA-mediated interference (RNAi), transgene silencing in germ-line and somatic tissues, and for maintaining low levels of transposon mobilization; MUT-16 is thus predicted to play a role in chromatin organization and/or regulation of gene expression.



#### Mut-16 Antibody (N-term) Blocking Peptide - References

Kennedy S, et al. 2004. Nature 427:645-649. Kim JK, et al. 2005. Science 308:1164-1167. Robert VJP, et al. 2005. Genes Dev 19:782-787. Sijen T, et al. 2003. Nature 426:310-314. Vastenhouw NL, et al. 2003. Current Biology 13:1311-1316.