

**MED22 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12666a****Specification**

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**MED22 Antibody (N-term) Blocking peptide - Product Information**Primary Accession [Q15528](#)**MED22 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 6837**Other Names**

Mediator of RNA polymerase II transcription subunit 22, Mediator complex subunit 22, Surfeit locus protein 5, Surf-5, MED22, SURF5

**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.

**MED22 Antibody (N-term) Blocking peptide - Protein Information****Name** MED22**Synonyms** SURF5**Function**

Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors.

**Cellular Location**

Nucleus.

**MED22 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **MED22 Antibody (N-term) Blocking peptide - Images**

#### **MED22 Antibody (N-term) Blocking peptide - Background**

This gene is located in the surfait gene cluster, a group of very tightly linked housekeeping genes that do not share sequence similarity. The gene is oriented in a head-to-head fashion with RPL7A (SURF3) and the two genes share a bidirectional promoter. The encoded proteins are localized to the cytoplasm. Two alternative transcript variants encoding different isoforms have been identified for this gene.

#### **MED22 Antibody (N-term) Blocking peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Lamesch, P., et al. Genomics 89(3):307-315(2007) Sato, S., et al. Mol. Cell 14(5):685-691(2004) Hillman, R.T., et al. Genome Biol. 5 (2), R8 (2004) :