

HINFP Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12622c**Specification**

HINFP Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q9BQA5](#)**HINFP Antibody (Center) Blocking peptide - Additional Information****Gene ID** 25988**Other Names**

Histone H4 transcription factor, Histone nuclear factor P, HiNF-P, MBD2-interacting zinc finger protein, Methyl-CpG-binding protein 2-interacting zinc finger protein, HINFP, MIZF, ZNF743

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.

HINFP Antibody (Center) Blocking peptide - Protein Information**Name** HINFP**Synonyms** MIZF, ZNF743**Function**

Transcriptional repressor that binds to the consensus sequence 5'-CGGACGTT-3' and to the RB1 promoter. Transcriptional activator that promotes histone H4 gene transcription at the G1/S phase transition in conjunction with NPAT. Also activates transcription of the ATM and PRKDC genes. Autoregulates its expression by associating with its own promoter.

Cellular Location

Nucleus. Note=Associated with discrete nuclear foci

Tissue Location

Ubiquitous. Highly expressed in brain, heart, skeletal muscle, spleen, kidney, small intestine, placenta and liver

HINFP Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

HINFP Antibody (Center) Blocking peptide - Images

HINFP Antibody (Center) Blocking peptide - Background

MIZF interacts with methyl-CpG-binding protein-2 (MBD2;MIM 603547), a component of the MeCP1 histone deacetylase (HDAC)complex, and plays a role in DNA methylation and transcriptionrepression.

HINFP Antibody (Center) 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)Mitra, P., et al. J. Cell. Physiol. 219(2):438-448(2009)Medina, R., et al. Biochemistry 47(44):11415-11423(2008)Medina, R., et al. Cancer Res. 67(21):10334-10342(2007)