

BAHD1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9159b**Specification**

BAHD1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q8TBE0](#)**BAHD1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 22893**Other Names**

Bromo adjacent homology domain-containing 1 protein, BAH domain-containing protein 1, BAHD1, KIAA0945

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9159b](/products/AP9159b) was selected from the C-term region of human BAHD1. 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.

BAHD1 Antibody (C-term) Blocking Peptide - Protein Information**Name** BAHD1**Synonyms** KIAA0945**Function**

Heterochromatin protein that acts as a transcription repressor and has the ability to promote the formation of large heterochromatic domains. May act by recruiting heterochromatin proteins such as CBX5 (HP1 alpha), HDAC5 and MBD1. Represses IGF2 expression by binding to its CpG-rich P3 promoter and recruiting heterochromatin proteins. At specific stages of Listeria infection, in complex with TRIM28, corepresses interferon-stimulated genes, including IFNL1, IFNL2 and IFNL3.

Cellular Location

Nucleus. Chromosome. Note=Localizes to heterochromatin and inactive X chromosome. Colocalizes with histone H3 trimethylated at 'Lys-27' (H3K27me3)

BAHD1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

BAHD1 Antibody (C-term) Blocking Peptide - Images**BAHD1 Antibody (C-term) Blocking Peptide - Background**

BAHD1 is a heterochromatin protein that acts as a transcription repressor and has the ability to promote the formation of large heterochromatic domains. It may act by recruiting heterochromatin proteins such as CBX5 (HP1 alpha), HDAC5 and MBD1. It represses IGF2 expression by binding to its CpG-rich P3 promoter and recruiting heterochromatin proteins.

BAHD1 Antibody (C-term) Blocking Peptide - References

Mayya V., et.al., Sci. Signal. 2:RA46-RA46(2009). Dephore N., et.al., Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).