

**GATAD2B Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14510a****Specification**

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**GATAD2B Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q8WXI9](#)**GATAD2B Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 57459**Other Names**

Transcriptional repressor p66-beta, GATA zinc finger domain-containing protein 2B, p66/p68, GATAD2B, KIAA1150

**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.

**GATAD2B Antibody (N-term) Blocking Peptide - Protein Information****Name** GATAD2B**Synonyms** KIAA1150**Function**

Transcriptional repressor (PubMed: [12183469](http://www.uniprot.org/citations/12183469), PubMed: [16415179](http://www.uniprot.org/citations/16415179) target="\_blank">16415179</a>). Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin (PubMed: [16428440](http://www.uniprot.org/citations/16428440), PubMed: [28977666](http://www.uniprot.org/citations/28977666) target="\_blank">28977666</a>). Enhances MBD2-mediated repression (PubMed: [12183469](http://www.uniprot.org/citations/12183469) target="\_blank">12183469</a>, PubMed: [16415179](http://www.uniprot.org/citations/16415179) target="\_blank">16415179</a>). Efficient repression requires the presence of GATAD2A (PubMed: [16415179](http://www.uniprot.org/citations/16415179) target="\_blank">16415179</a>). Targets MBD3 to discrete loci in the nucleus (PubMed: [11756549](http://www.uniprot.org/citations/11756549) target="\_blank">11756549</a>). May play a role in synapse development (PubMed: [23644463](http://www.uniprot.org/citations/23644463) target="\_blank">23644463</a>).

**Cellular Location**

Nucleus speckle. Nucleus. Chromosome Note=Speckled nuclear localization requires both CR1 and CR2 regions (PubMed:16415179). Localizes to sites of DNA damage (PubMed:27732854)

**Tissue Location**

Widely expressed..

**GATAD2B Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**GATAD2B Antibody (N-term) Blocking Peptide - Images****GATAD2B Antibody (N-term) Blocking Peptide - Background**

GATAD2B has transcriptional repressor activity. Targets MBD3 to discrete loci in the nucleus.

**GATAD2B Antibody (N-term) Blocking Peptide - References**

Ichikawa, S., et al. J. Bone Miner. Res. 23(10):1680-1688(2008) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Olsen, J.V., et al. Cell 127(3):635-648(2006) Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006) Brackertz, M., et al. Nucleic Acids Res. 34(2):397-406(2006)