

Goat Anti-BAZ2B Antibody
Peptide-affinity purified goat antibody
Catalog # AF1143a

Specification

Goat Anti-BAZ2B Antibody - Product Information

Application	IHC
Primary Accession	O9UIF8
Other Accession	NP_038478 , 29994
Reactivity	Human
Predicted	Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	240459

Goat Anti-BAZ2B Antibody - Additional Information

Gene ID 29994

Other Names

Bromodomain adjacent to zinc finger domain protein 2B, hWALp4, BAZ2B, KIAA1476

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-BAZ2B Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-BAZ2B Antibody - Protein Information

Name BAZ2B

Synonyms KIAA1476

Function

Regulatory subunit of the ATP-dependent BRF-1 and BRF-5 ISWI chromatin remodeling complexes, which form ordered nucleosome arrays on chromatin and facilitate access to DNA during DNA-templated processes such as DNA replication, transcription, and repair (PubMed:28801535). Both

complexes regulate the spacing of nucleosomes along the chromatin and have the ability to slide mononucleosomes to the center of a DNA template (PubMed:28801535). The BRF-1 ISWI chromatin remodeling complex has a lower ATP hydrolysis rate than the BRF-5 ISWI chromatin remodeling complex (PubMed:28801535). Chromatin reader protein, which may play a role in transcriptional regulation via interaction with ISWI (By similarity) (PubMed:10662543). Involved in positively modulating the rate of age-related behavioral deterioration (By similarity). Represses the expression of mitochondrial function-related genes, perhaps by occupying their promoter regions, working in concert with histone methyltransferase EHMT1 (By similarity).

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00063, ECO:0000269|PubMed:25593309}

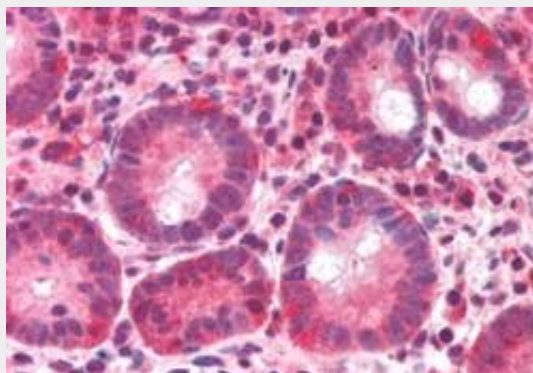
Tissue Location

Expressed at varying levels in several tissues, whereas a smaller transcript was expressed specifically in testis

Goat Anti-BAZ2B Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-BAZ2B Antibody - Images

AF1143a (5 µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Goat Anti-BAZ2B Antibody - References

Genome-wide association study identifies novel loci for plasma levels of protein C: the ARIC study. Tang W, et al. Blood, 2010 Aug 27. PMID 20802025.

Protein microarray analysis identifies human cellular prion protein interactors. Satoh J, et al.

Neuropathol Appl Neurobiol, 2009 Feb. PMID 18482256.

Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983.

Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514.

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.