

BAZ1A antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10423**Specification****BAZ1A antibody - middle region - Product Information**

Application	WB
Primary Accession	O9NRL2
Other Accession	NM_013448 , NP_038476
Reactivity	Human, Mouse, Rat, Pig, Horse, Bovine, Dog
Predicted	Human, Mouse, Rat, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	179kDa KDa

BAZ1A antibody - middle region - Additional Information**Gene ID 11177**

Alias Symbol	ACF1, DKFZP586E0518, FLJ14383, WALp1, WCRF180, hACF1
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Other Names

Bromodomain adjacent to zinc finger domain protein 1A, ATP-dependent chromatin-remodeling protein, ATP-utilizing chromatin assembly and remodeling factor 1, hACF1, CHRAC subunit ACF1, Williams syndrome transcription factor-related chromatin-remodeling factor 180, WCRF180, hWALp1, BAZ1A, ACF1, WCRF180

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-BAZ1A antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

BAZ1A antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

BAZ1A antibody - middle region - Protein Information

Name BAZ1A

Synonyms ACF1, WCRF180

Function

Regulatory subunit of the ATP-dependent ACF-1 and ACF-5 ISWI chromatin remodeling complexes,

which form ordered nucleosome arrays on chromatin and slide edge- and center-positioned histone octamers away from their original location on the DNA template to facilitate access to DNA during DNA-templated processes such as DNA replication, transcription, and repair (PubMed:17099699, 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 in an ATP-dependent manner (PubMed:14759371, PubMed:17099699, PubMed:28801535). The ACF-1 ISWI chromatin remodeling complex has a lower ATP hydrolysis rate than the ACF-5 ISWI chromatin remodeling complex (PubMed:28801535). Has a role in sensing the length of DNA which flank nucleosomes, which modulates the nucleosome spacing activity of the ACF-5 ISWI chromatin remodeling complex (PubMed:17099699). Involved in DNA replication and together with SMARCA5/SNF2H is required for replication of pericentric heterochromatin in S-phase (PubMed:12434153). May have a role in nuclear receptor-mediated transcription repression (PubMed:17519354).

Cellular Location

Nucleus. Note=Localizes to pericentric heterochromatin (By similarity). May target the CHRA complex to heterochromatin (PubMed:10880450). Localizes to sites of DNA damage (PubMed:25593309). {ECO:0000250|UniProtKB:O88379, ECO:0000269|PubMed:10880450, ECO:0000269|PubMed:25593309}

Tissue Location

Highly expressed in testis and at low or undetectable levels in other tissues analyzed

BAZ1A antibody - middle region - 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](#)



