

Product Name: KD-Validated BAZ1B Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01384**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 170.9kDa

Antigen Information

Gene Name	BAZ1B
Alternative Names	BAZ1B; Bromodomain Adjacent To Zinc Finger Domain 1B; WSTF; WBSCR10; WBSCR9; Williams-Beuren Syndrome Chromosomal Region 10 Protein; Williams-Beuren Syndrome Chromosomal Region 9 Protein; Williams Syndrome; Transcription Factor; Tyrosine-Protein Kinase BAZ1B; Transcription Factor; WSTF; EC 2.7.10.2; HWALp2; Bromodomain Adjacent To Zinc Finger Domain Protein 1B; Williams-Beuren Syndrome Chromosome Region 10; Williams-Beuren Syndrome Chromosome Region 9; WBSCR10
Gene ID	9031.0
SwissProt ID	Q9UIG0
Immunogen	A synthesized peptide derived from human WSTF

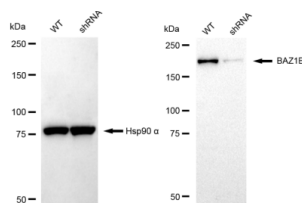
Background

This gene encodes a member of the bromodomain protein family. The bromodomain is a structural motif characteristic of proteins involved in chromatin-dependent regulation of transcription. This gene is deleted in Williams-Beuren syndrome, a developmental disorder caused by deletion of multiple genes at 7q11.23. [provided by RefSeq, Jul 2008]

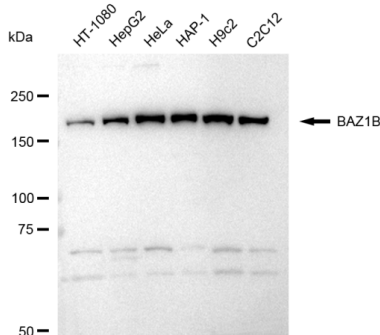
Research Area

Epigenetics and Nuclear Signaling

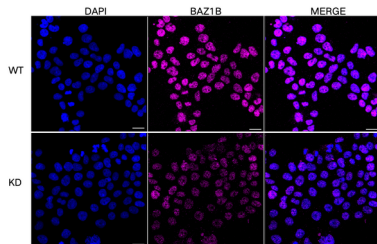
Image Data



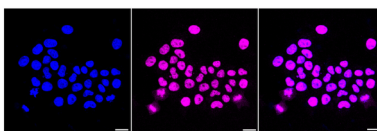
Western blotting analysis using BAZ1B antibody (KVA01384). BAZ1B expression in wild type (WT) and BAZ1B shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with BAZ1B antibody (KVA01384, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



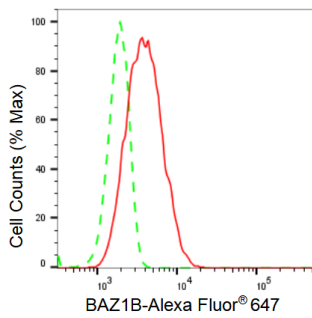
Western blotting analysis using BAZ1B antibody (KVA01384). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with BAZ1B antibody (KVA01384, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells using BAZ1B antibody (KVA01384, 1:1,000), Top panel: wild-type (WT); Bottom panel: BAZ1B shRNA knockdown (KD). Nuclei were stained blue with DAPI; BAZ1B was stained magenta with Alexa Fluor® 647. Scale bar, 20 µm.



Immunocytochemical staining of HeLa cells with BAZ1B antibody (KVA01384, 1:1,000). Nuclei were stained blue with DAPI; BAZ1B was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: Medium. Scale bar: 20 µm.



Flow cytometric analysis of BAZ1B expression in HeLa cells using BAZ1B antibody (KVA01384, 1:2,000). Green, isotype control; red, BAZ1B.