

BZW2 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15560**Specification**

BZW2 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9Y6E2
Other Accession	NM_014038 , NP_054757
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48kDa KDa

BZW2 Antibody - N-terminal region - Additional Information**Gene ID** 28969

Alias Symbol	MST017, MSTP017
Other Names	
Basic leucine zipper and W2 domain-containing protein 2, BZW2	

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-BZW2 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

BZW2 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

BZW2 Antibody - N-terminal region - Protein Information**Name** BZW2**Synonyms** 5MP1 {ECO:0000303|PubMed:21745818}**Function**

Translation initiation regulator which represses non-AUG initiated translation and repeat-associated non-AUG (RAN) initiated translation by acting as a competitive inhibitor of eukaryotic translation initiation factor 5 (EIF5) function (PubMed:21745818, PubMed:28981728, PubMed:28981728, PubMed:28981728)

[34260931](http://www.uniprot.org/citations/34260931), PubMed: [29470543](http://www.uniprot.org/citations/29470543)). Increases the accuracy of translation initiation by impeding EIF5-dependent translation from non-AUG codons by competing with it for interaction with EIF2S2 within the 43S pre-initiation complex (PIC) in an EIF3C- binding dependent manner (PubMed: [21745818](http://www.uniprot.org/citations/21745818), PubMed: [28981728](http://www.uniprot.org/citations/28981728), PubMed: [34260931](http://www.uniprot.org/citations/34260931)).

Cellular Location

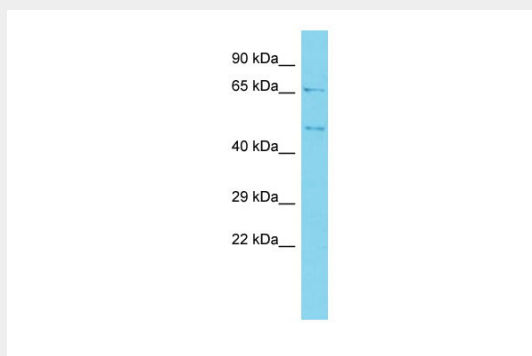
Cytoplasm.

BZW2 Antibody - N-terminal 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](#)

BZW2 Antibody - N-terminal region - Images



Host: Rabbit

Target Name: BZW2

Sample Tissue: ACHN Whole cell lysate

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Antibody Dilution: 1.0µg/ml BZW2 is supported by BioGPS gene expression data to be expressed in ACHN

BZW2 Antibody - N-terminal region - References

Zhao B., et al. Submitted (DEC-1998) to the EMBL/GenBank/DDBJ databases.

Zhang Q.-H., et al. Genome Res. 10:1546-1560(2000).

Ota T., et al. Nat. Genet. 36:40-45(2004).

Scherer S.W., et al. Science 300:767-772(2003).

Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.