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BZW2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP6607a

Specification

BZW2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9Y6E2

BZW2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 28969

Other Names
Basic leucine zipper and W2 domain-containing protein 2, BZW2

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6607a was selected from the N-term region of human BZW2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

BZW2 Antibody (N-term) Blocking Peptide - 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:29470543, PubMed:34260931). 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:<a

href="http://www.uniprot.org/citations/21745818" target="_blank">21745818, PubMed:28981728, PubMed:34260931).

Cellular Location
Cytoplasm.

BZW2 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

BZW2 Antibody (N-term) Blocking Peptide - Images

BZW2 Antibody (N-term) Blocking Peptide - Background

BZW2 may be involved in neuronal differentiation.