

BZRAP1 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP21258b

Specification

BZRAP1 Blocking Peptide (C-term) - Product Information

Primary Accession

[O95153](#)**BZRAP1 Blocking Peptide (C-term) - Additional Information**

Gene ID 9256

Other Names

Peripheral-type benzodiazepine receptor-associated protein 1, PRAX-1, Peripheral benzodiazepine receptor-interacting protein, PBR-IP, RIMS-binding protein 1, RIM-BP1, BZRAP1, KIAA0612, RBP1, RIMBP1

Target/Specificity

The synthetic peptide sequence is selected from aa 1551-1565 of HUMAN BZRAP1

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.

BZRAP1 Blocking Peptide (C-term) - Protein InformationName TSPOAP1 ([HGNC:16831](#))**Function**

Required for synaptic transmission regulation (PubMed:33539324). It probably controls the recruitment of voltage-gated calcium channels to the presynaptic membrane, and modulates neurotransmitter release.

Cellular Location

Cytoplasm. Mitochondrion. Note=Preferentially expressed in the mitochondria in the presence of TSPO

Tissue Location

Predominantly expressed in brain, pituitary gland and thymus in adults. In adult brain, highest expression found in temporal lobe and the putamen, followed by amygdala, caudate nucleus, cerebral cortex, occipital and frontal lobe. A high expression level is also observed in fetal tissues

like brain, heart, kidney and thymus

BZRAP1 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

BZRAP1 Blocking Peptide (C-term) - Images

BZRAP1 Blocking Peptide (C-term) - References

Galiegue S.,et al.J. Biol. Chem. 274:2938-2952(1999).

Ishikawa K.,et al.DNA Res. 5:169-176(1998).

Parry D.A.,et al.Am. J. Hum. Genet. 92:307-312(2013).