Bioworld Technology CO., Ltd.

Zic1/2/3 (D348) Peptide

Cat No.: BS2455P

Background

Zic1 encodes a zinc finger protein expressed in the developing or matured central nervous system in a highly restricted manner. Zic is expressed in granule cells that make synaptic contact with Purkinje cells. Zic1 is a gene critical to cerebellar pattern formation. The expression of Zic genes is first detected at gastrulation and at neurulation, becoming restricted to the dorsal neural ectoderm and the dorsal paraxial mesoderm. The Zic1 gene has been mapped to chromosome 9 in mouse. The 5' flanking region of the Zic1 gene contains a region-specific enhancer determined to be essential in in-vivo and in-vitro deletion analysis. The temporal profile of mRNA expression differs for each of the Zic gene products. The Drosophila odd-paired gene is highly homologous to the Zic gene family. Zic2 and Zic3 are highly similar genes. Zic2 is essential for the formation of the brain and Zic-3 is important for right and left axis formation.

Swiss-Prot

Q15915/O95409/O60481

Applications

Blocking

Specificity

This peptide can be used with studies using BS2455 Zic1/2/3 (D348) pAb.

Purification & Purity

Synthetic peptide Zic1/2/3 (D348). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.
1660 South Highway 100, Suite 500 St. Louis Park,MN 55416,USA. **Email: info@bioworlde.com**
Tel: 6123263284 **Fax: 6122933841**

Bioworld technology, co, Ltd.
No 9, weidi road Qixia District Nanjing, 210046, P, R.China. **Email: info@biogot.com**
Tel: +86-025-68037686 **Fax:+86-025-68035151**