

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



CRABP-II (P81) Peptide

Cat No.: BS3279P

Background

The cellular retinoic acid-binding protein (CRABP)-I and a related isoform CRABP-II are nuclear receptors for retinoic acid (RA), an important regulator of cell growth and differentiation in fetal and adult tissues. These CRABP proteins mediate the downstream effects of RA in distinct ways. CRABP-I negatively regulates the activity of RA by enhancing the production of RA-metabolizing enzymes and increasing the rate at which RA is degraded. CRABP-II enhances the effects of RA by directly interacting with RA receptors (RAR) and, in turn, promoting the formation of RAR-RA complexes and stimulating RA-mediated gene transcription. Both CRABP-I and CRABP-II are expressed in the embryo, and CRABP-I is ubiquitously expressed in various adult tissues. The expression of CRABP-II is elevated in cells that synthesize relatively large amounts of RA, and it is also predominantly expressed in skin, uterus, ovary, and in the choroid plexus.

Swiss-Prot

P29373

Applications

Blocking

Specificity

This peptide can be used with studies using BS3279 CRABP-II (P81) pAb.

Purification & Purity

Synthetic peptide CRABP-II (P81). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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

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