

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



CtBP2 (P432) Peptide

Cat No.: BS2287P

Background

CtBP1 and the related protein CtBP2 are characterized as C-terminal binding proteins of adenovirus E1A, and they preferentially associate with the E1A via a 5 amino acid motif, PLDLS, to repress E1A induced oncogenesis and cellular transformation. CtBP1 is expressed from embryo to adult, but CtBP2 is mainly expressed during embryogenesis. During skeletal and T cell development, CtBP1 and CtBP2 associate with the PLDLSL domain of deltaEF1, a cellular zinc finger-homeodomain protein, and thereby enhances deltaEF1-induced transcriptional silencing. In addition, CtBP complexes with CtIP, a 125 kDa protein that recognizes distinctly different protein motifs from CtBP. CtIP binds to the BRCT repeats within the breast cancer gene BRCA1 and enables CtBP to influence BRCA1 activity.

Swiss-Prot

P56545

Applications

Blocking

Specificity

This peptide can be used with studies using BS2287 CtBP2 (P432) pAb.

Purification & Purity

Synthetic peptide CtBP2 (P432). (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.