Bioworld Technology CO., Ltd.

STAC2 (R248) Peptide

Cat No.: BS3398P

Background

STAC2 (SH3 and cysteine-rich domain-containing protein 2), also known as 24b2/STAC2, is a 411 amino acid protein that contains one SH3 domain and one phorbol-ester/DAG-type zinc finger. Encoding two alternatively spliced isoforms, the STAC2 gene contains over 15 thousand bases and maps to human chromosome 17q12. Human chromosome 17 comprises over 2.5% of the human genome and encodes over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, though specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes.

Swiss-Prot

Q6ZMT1

Applications

Blocking

Specificity

This peptide can be used with studies using BS3398 STAC2 (R248) pAb.

Purification & Purity

Synthetic peptide STAC2 (R248). (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.

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