

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### ARA70 (L379) Peptide

Cat No.: BS2976P

#### Background

Androgen receptor (AR) coactivator ARA70, also designated NCOA4, RFG and ELE1, is a putative co-activator that specifically enhances the activity of the androgen receptor. In human thyroid carcinomas, the Ret proto-oncogene fuses to ARA70 to form Ret/PTC3 by an intrachromosomal inversion of chromosome 10 in vivo. ARA70 is expressed as two isoforms, ARA70a and ARA70b. The shorter variant, ARA70b, results from an internal 985-bp deletion. ARA70a is widely expressed, and its expression is highest in testis and adipose tissues, whereas ARA70b is solely expressed in the testis. ARA70a can function as a ligand-enhanced co-activator of PPAR $\gamma$  in adipocytes. ARA70 may be involved in prostate carcinogenesis and ovarian cancer and may serve as a key mediator of estrogen-androgen synergism.

#### Swiss-Prot

Q13772

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2976 ARA70 (L379) pAb .

#### Purification & Purity

Synthetic peptide ARA70 (L379) . (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.