

ARA70 (L379) polyclonal antibody

Catalog: BS2976

Host: Rabbit

Reactivity: Human, Mouse, Rat

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 γ in adipocytes. ARA70 may be involved in prostate carcinogenesis and ovarian cancer and may serve as a key mediator of estrogen-androgen synergism.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 70 kDa

Swiss-Prot:

Q13772

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

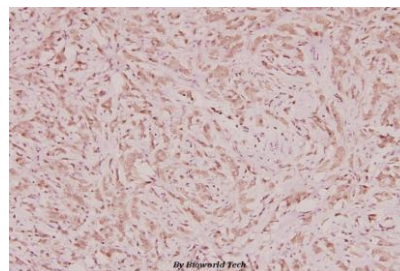
IHC:1:50~1:200

Storage&Stability:

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

Specificity:

ARA70 (L379) polyclonal antibody detects endogenous levels of ARA70 protein

DATA:

Immunohistochemistry (IHC) analyzes of ARA70 (L379) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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