

Product datasheet

Recombinant Human NCOA4 protein ab159933

1 Image

Overview

Product name	Recombinant Human NCOA4 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ

Amino Acid Sequence

Species	Human
Sequence	MNTFQDQSGSSSNREPLLRCSDARRDLELAIGGVLRAEQQIKDNLREVKA QIHSCISRHLECLRSREVWLYEQVDLIYQLKEETLQQQAQQLYSLLGQFN CLTHQLECTQNKDLANQVSVCLERLGSLLTKPEDSTVLLFEADTITLRQT ITTFGSLKTIQIPEHLMAHASSANIGPFLEKRGCSMPEQKSASGMVAVP FSEWLLGSKPASGYQAPYIPSTDPQDWLTQKQTLSENSQTSSRACNFFNNV GGNLKGLNWLLKSEKSSYQKCNSHSTSSFSIEMEKVGDQELPDQDEM LSDWLVTQESHKLRKPENGSRETSEKFKLLFQSYNVNDWLVKTDSCNTC QGNQPKGVEIENLGNLKCLNDHLEAKKPLSTPSMVTEWLVQNHQDPCKV EEVCRANEPCTSAECVCDENCEKEALYKLLKKEGKDKNGMPVEPKPEP EKHKDSLNMWLCPRKEVIEQTKAPKAMTPSRIADSFQVIKNSPLSEWLIR PPYKEGSPKEVPGTEDRAGKQKYLIHL YRRNITSPQTIMASLQFVISLP VCSLKLKRSGYIELLYRCEGMDKS
Amino acids	1 to 575
Tags	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab159933** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Western blot
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

Enhances the androgen receptor transcriptional activity in prostate cancer cells. Ligand-independent coactivator of the peroxisome proliferator-activated receptor (PPAR) gamma.

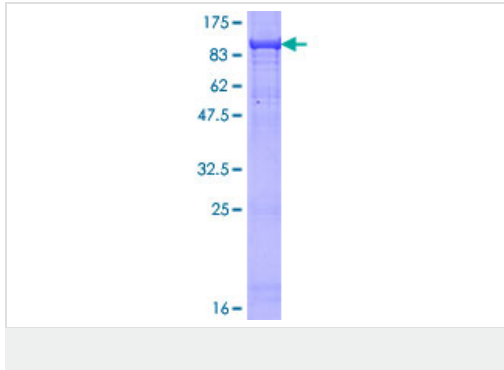
Tissue specificity

Widely expressed. Also detected in adipose tissues and in different cell lines. Isoform Beta is only expressed in testis.

Involvement in disease

Defects in NCOA4 are a cause of thyroid papillary carcinoma (TPC) [MIM:188550]. TPC is a common tumor of the thyroid that typically arises as an irregular, solid or cystic mass from otherwise normal thyroid tissue. Papillary carcinomas are malignant neoplasm characterized by the formation of numerous, irregular, finger-like projections of fibrous stroma that is covered with a surface layer of neoplastic epithelial cells. Note=A chromosomal aberration involving NCOA4 is found in thyroid papillary carcinomas. Inversion inv(10)(q11.2;q11.2) generates the RET/NCOA4 (PTC3) oncogene that has been found in sporadic and radiation-associated post-Chernobyl thyroid papillary carcinomas.

Images



ab159933 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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