SCCPDH Polyclonal Antibody

Catalog Number: E-AB-60639



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human, Mouse

Immunogen Recombinant fusion protein of human SCCPDH (NP_057086.2).

Host Rabbit
Isotype IgG

Purification Affinity purification

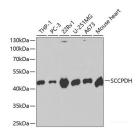
Conjugation Unconjugated

Formulation PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

WB 1:500-1:2000

Data



Western blot analysis of extracts of various cell lines using SCCPDH Polyclonal Antibody at dilution of 1:1000.

Observed Mw:45kDa Calculated Mw:47kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

SCCPDH (Probable saccharopine dehydrogenase) is a 429 amino acid protein that belongs to the saccharopine dehydrogenase family. The SCCPDH gene is conserved in chimpanzee, dog, cow, mouse, rat, chicken, fruit fly, mosquito and C.elegans, and maps to human chromosome 1q44. Chromosome 1 is the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome. There are about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1. Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also associated with chromosome 1. A breakpoint has been identified in 1q which disrupts the DISC1 gene and is linked to schizophrenia. Aberrations in chromosome 1 are found in a variety of cancers including head and neck cancer, malignant melanoma and multiple myeloma.

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