



SLIRP (SRA Stem-loop-interacting RNA-binding Protein Mitochondrial, Chromosome 14 Open Reading Frame 156, C14orf156, DC50, PD04872)

Catalog number

S1014-18P

Supplier

United States Biological

SLIRP (SRA stem-loop interacting RNA binding protein) is expressed in normal and tumor tissues, but the majority of the endogenous SLIRP resides in the mitochondria. SLIRP may regulate mitochondrial functions and has the potential to shut down estrogen in breast cancer cells and testosterone in prostate cancer cells. SLIRP has also been shown to turn down genes involved in energy metabolism.

Applications

Suitable for use in Western Blot. Other applications not tested.

Recommended Dilution

Western Blot: 0.5-2ug/ml. Band at ~12kD corresponding to SLIRP. May see additional bands above 45kD.
Optimal dilutions to be determined by the researcher.

Cellular Localization

Nuclear

Storage and Stability

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, add sterile glycerol (40-50%), aliquot and store at -20°C. Aliquots are stable for at least 12 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Immunogen

A synthetic peptide made to a C-terminal region of human SLIRP protein. [Entrez-Prot# AAX58600].
Homology: 100% Mk

Formulation

Supplied as a liquid in Tris-glycine, 150mM sodium chloride, 0.05% sodium azide

Purity

Purified by peptide immunoaffinity chromatography.

Specificity

Recognizes human and monkey SLIRP protein. Does not cross-react with mouse.

Product Type

Pab

**Source**

human

Isotype

IgG

Grade

Affinity Purified

Applications

WB

Crossreactivity

Hu Mk

Storage

-20°C

Reference

1. Hatchell, EC, et al. Mol. Cell. 22: 657-668 (2006)