

Cytoplasmic & Nuclear Extraction Kit Western Blot Related Reagent

Cytoplasmic & Nuclear Extraction Kit

CATALOG #
AAA45623

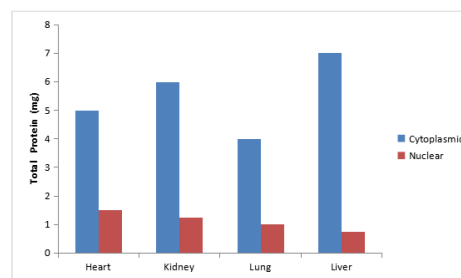
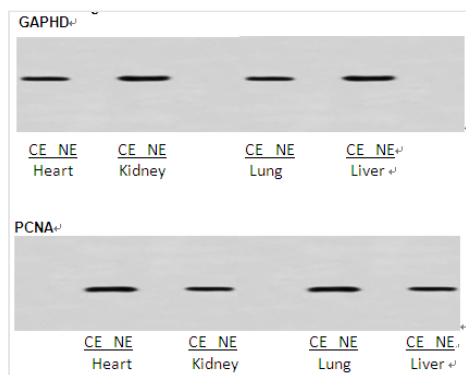
PRODUCT SYNONYMS

Cytoplasmic & Nuclear Extraction Kit; Cytoplasmic & Nuclear Extraction Kit western blot related reagent

PRODUCT SPECIFICATIONS

Samples	Cultured cells and fresh tissues
Preparation and Storage	Store at 4 degree C for one year.

IMAGES



Application Data

Nuclear proteins and cytoplasmic proteins were extracted from mouse heart, kidney, lung and liver tissues (100mg) with our Cytoplasmic and Nuclear Protein Extraction Kit. BCA protein Assay kit was used to quantify isolated nuclear and cytoplasmic proteins.

Application Data

Nuclear proteins (NE) and cytoplasmic proteins (CE) were extracted from mouse heart, kidney, lung and liver tissues with our Cytoplasmic and Nuclear Protein Extraction Kit. Proteins were used to perform WB for GAPDH and PCNA expressed in cytoplasm and in nuclei.

ADDITIONAL INFORMATION

Related Product Information for Cytoplasmic & Nuclear Extraction Kit western blot related reagent

Principle of the Assay: This kit provides a complete set of extraction reagents that enable the separation of nuclear protein and cytoplasmic fractions from cultured cells and fresh tissues. The kit breaks cell membrane and release cytoplasmic proteins for cell burst under hypotonic condition. And then centrifuge for collection of the nucleoli. At last, extract nuclear proteins using Nuclear Extraction Reagent. Once desalted or diluted, the isolated soluble cytoplasmic proteins can be used to perform immunoassays and protein interaction experiments, such as EMSA, Co-IP and pull-down assays. Nuclear extracts are generally preferred to whole cell lysates for gene regulation studies. Cellular components present in whole cell lysates can adversely affect nuclear protein interactions and stability, and nuclear proteins are more concentrated in nuclear extracts than whole cell lysates.

Product Categories/Family for Cytoplasmic & Nuclear Extraction Kit western blot related reagent

Western Blotting Related Reagent

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.