
TRIM41 Antibody Blocking Peptide

Catalog Number: bs-9151P

Activity: Not tested

Purification: HPLC

Storage: Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Tripartite motif-containing protein 41 (TRIM41), also known as RINCK, is a 630 amino acid member of the TRIM family, also known as the RING-B-box coiled-coil (RBCC) family. Members of the RBCC family have an N-terminal RING finger, followed by one or two zinc-binding domains (B-box domains), a leucine coiled-coil region and a variable C-terminal domain. Localized to both the nucleus and cytoplasm, TRIM41 associates with protein kinase C (PKC) through the C1A domain of PKC. Studies have shown that overexpression of TRIM41 reduces the levels of PKC in cells, whereas knockdown of TRIM41 leads to increased levels of PKC. Thus, it is hypothesized that TRIM41 plays a role in regulating PCK levels in cells, specifically through the ubiquitination of PKC. Four isoforms of TRIM41 exist as a result of alternative splicing events.