
FNTB Antibody Blocking Peptide

Catalog Number: bs-9548P

Activity: Not tested

Purification: HPLC

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

Background: Mammalian protein farnesyl transferases are heterodimeric proteins containing two nonidentical Alpha and beta subunits that attach farnesyl residues to a cysteine at the fourth position from the COOH terminus of several proteins, including nuclear lamins and p21Ras proteins. The natural substrates contain the Cys-A-A-Xaa recognition sequence, where the A residues are aliphatic and Xaa represents methionine, serine, glutamine or cysteine. The purified farnesyl transferase is an a-b heterodimer. The beta subunit, which is known as FT beta, CAAX farnesyltransferase subunit beta, or Ras proteins prenyltransferase subunit beta, is a 437 amino acid protein that contains five PFTB repeats and binds the peptide substrate. The Alpha subunit is suspected to participate in formation of a stable complex with the substrate farnesyl pyrophosphate.