9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

GSK3B Antibody

Glycogen synthase kinase-3 beta, Mouse Anti Human
ABM0288

Product Overview

Name	GSK3B Antibody

Description

Glycogen synthase kinase-3 beta, Mouse Anti Human

Synonyms

GSK3B, Glycogen synthase kinase-3 beta, GSK-3 beta.

Introduction

GSK3B is a serine-threonine kinase that belongs to the glycogen synthase kinase subfamily. GSK3B is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in the GSK3B gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of the GSK3B gene may be significant to the pathogenesis of Alzheimer disease.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

The GSK3B solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 85% as determined by SDS-PAGE.

Amino acid sequence

MSGRPRTTSF AESCKPVQQP SAFGSMKVSR DKDGSKVTTV VATPGQGPDR PQEVSYTDTK VIGNGSFGVV YQAKLCDSGE LVAIKKVLQD KRFKNRELQI MRKLDHCNIV RLRYFFYSSG EKKDEVYLNL VLDYVPETVY RVARHYSRAK QTLPVIYVKL YMYQLFRSLA YIHSFGICHR DIKPQNLLLD PDTAVLKLCD FGSAKQLVRG EPNVSYICSR YYRAPELIFG ATDYTSSIDV WSAGCVLAEL LLGQPIFPGD SGVDQLVEII KVLGTPTREQ IREMNPNYTE FKFPQIKAHP WTKVFRPRTP PEAIALCSRL LEYTPTARLT PLEACAHSFF DELRDPNVKL PNGRDTPALF NFTTQELSSN PPLATILIPP HARIQAAAST PTNATAASDA NTGDRGQTNN AASASASNST

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Precautions

GSK3B Antibody is for research use only and not for use in diagnostic or therapeutic procedures.