ADMEbio for proteomic research
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DKK3 Antibody

Mouse Anti Human Dickkopf-Related Protein 3
ABM0210

Product Overview

Name	DKK3 Antibody

Description

Mouse Anti Human Dickkopf-Related Protein 3

Synonyms

Dickkopf 3 homolog (Xenopus laevis), dickkopf-related protein 3, regulated in glioma, RIG, RIG-like 7-1, RIG-like 5-6, Dkk-3, REIC.

Introduction

Dickkopf-related protein 3 (DKK3) belongs to the DKK protein family including Dkk-1, 2, 3 and -4. DKK3 is a 350 amino acid secreted glycoprotein which is comprised of an N-terminal signal peptide and 2 conserved cysteine-rich domains that are separated by a 12 amino acid linker region. DKK3 is involved in embryonic development through its inhibition of the WNT signaling pathway. DKK3 gene expression is decreased in a variety of cancer cell lines and it may act as a tumor suppressor gene.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The DKK3 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 1M Urea, 1mM DTT 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

MGSSHHHYHH SSGLVPRGSH MGSM APAPTA TSAPVKPGPA LSYPQEEATL NEMFREVEEL MEDTQHKLRS AVEEMEAEEA AAKASSEVNL ANLPPSYHNE TNTDTKVGNN TIHVHREIHK ITNNQTGQMV FSETVITSVG DEEGRRSHEC IIDEDCGPSM YCQFASFQYT CQPCRGQRML CTRDSECCGD QLCVWGHCTK MATRGSNGTI CDNQRDCQPG LCCAFQRGLL FPVCTPLPVE GELCHDPASR LLDLITWELE PDGALDRCPC ASGLLCQPHS

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HSLVYVCKPT FVGSRDQDGE ILLPREVPDE YEVGSFMEEV RQELEDLERS LTEEMALREP AAAAAALLGG EEI

Precautions

DKK3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.