

Anti-Human WISP3 Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA04578**

3th Edition

Description:WISP3 (WNT1 Inducible Signaling Pathway Protein 3) is a Protein Coding gene. Diseases associated with WISP3 include Arthropathy, Progressive Pseudorheumatoid, Of Childhood and Arthropathy. GO annotations related to this gene include growth factor activity and integrin binding. An important paralog of this gene is WISP1.This gene encodes a member of the WNT1 inducible signaling pathway (WISP) protein subfamily, which belongs to the connective tissue growth factor (CTGF) family. WNT1 is a member of a family of cysteine-rich, glycosylated signaling proteins that mediate diverse developmental processes. The CTGF family members are characterized by four conserved cysteine-rich domains: insulin-like growth factor-binding domain, von Willebrand factor type C module, thrombospondin domain and C-terminal cystine knot-like domain. This gene is overexpressed in colon tumors. It may be downstream in the WNT1 signaling pathway that is relevant to malignant transformation. Mutations of this gene are associated with progressive pseudorheumatoid dysplasia, an autosomal recessive skeletal disorder, indicating that the gene is essential for normal postnatal skeletal growth and cartilage homeostasis. Multiple transcript variants encoding different isoforms have been found for this gene.

Antigen:Synthetic peptide from human protein

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity:Predominant expression in adult kidney and testis and fetal kidney. Weaker expression found in placenta, ovary, prostate and small intestine. Also expressed in skeletally-derived cells such as synoviocytes and articular cartilage chondrocytes.