

Note: Centrifuge before opening to ensure complete recovery of vial contents.

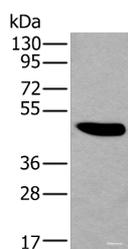
Description

Reactivity	Human, Mouse
Immunogen	Fusion protein of human WISP3
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4

Applications Recommended Dilution

WB 1:500-1:2000,
ELISA
1:5000-1:10000

Data



Western blot analysis of TM4 cell lysate using WISP3
Polyclonal Antibody at dilution of 1:200

Observed Mw:Refer to figures

Calculated Mw:39 kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

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.

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