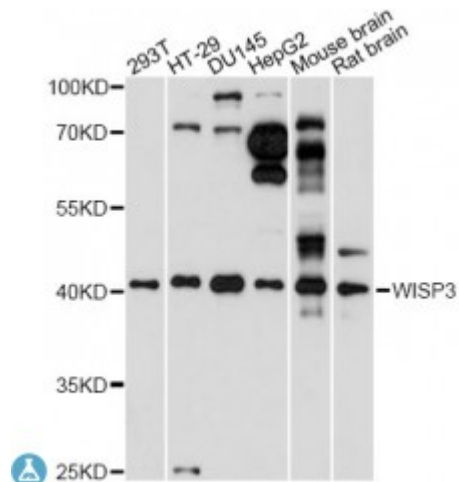


Anti-WISP3 Antibody



Description

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.

Model	STJ117012
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 42-260 of human WISP3 (NP_937882.1).
Gene ID	8838
Gene Symbol	WISP3
Dilution range	WB 1:500 - 1:2000
Tissue 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

Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	WNT1-inducible-signaling pathway protein 3 WISP-3 CCN family member 6
Molecular Weight	39.293 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:12771OMIM:208230
Alternative Names	WNT1-inducible-signaling pathway protein 3 WISP-3 CCN family member 6
Function	Appears to be required for normal postnatal skeletal growth and cartilage homeostasis
Cellular Localization	Secreted