WISP3 Antibody

Catalog No: #43816

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

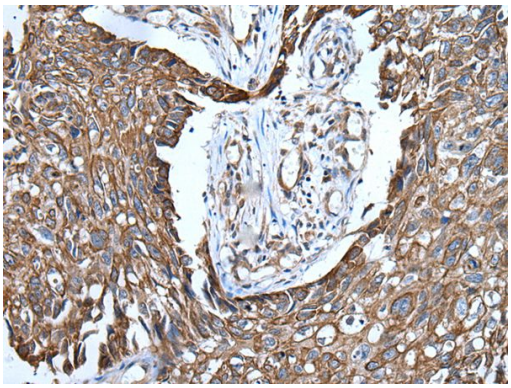
Description

Product Name	WISP3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total WISP3 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human WISP3
Target Name	WISP3
Other Names	PPD; CCN6; LIBC; PPAC; WISP-3
Accession No.	Swiss-Prot#: O95389NCBI Gene ID: 8838
Uniprot	O95389
GeneID	8838;
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

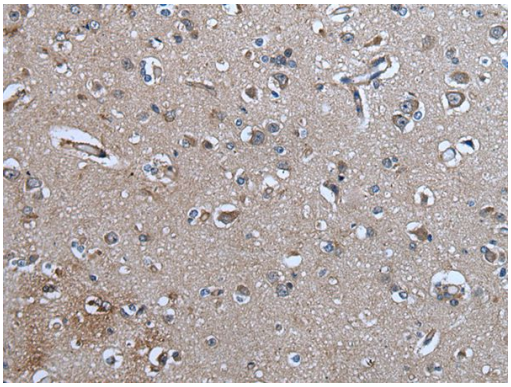
Application Details

Immunohistochemistry: 1: 20-100

Images



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using WISP3 Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using WISP3 Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

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.

Note: This product is for in vitro research use only