WISP2 Antibody

Catalog No: #43815

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

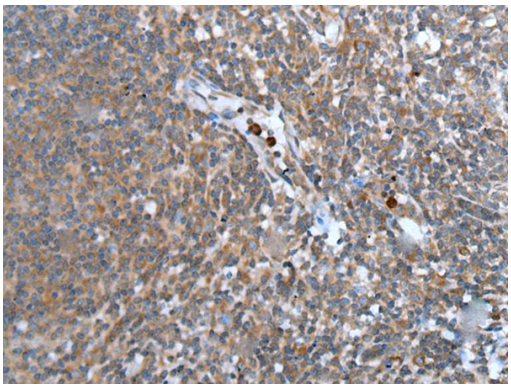
Description

Product Name	WISP2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total WISP2 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human WISP2
Target Name	WISP2
Other Names	CCN5; CT58; CTGF-L
Accession No.	Swiss-Prot#: O76076NCBI Gene ID: 8839
Uniprot	O76076
GeneID	8839;
Concentration	1.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

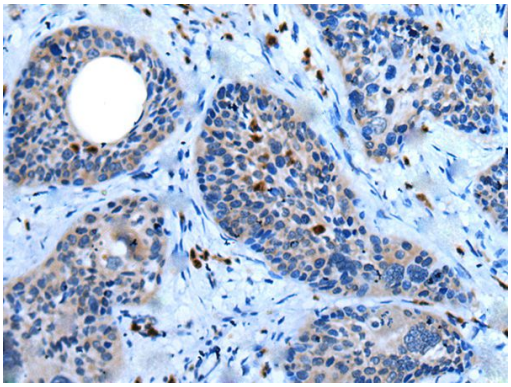
Application Details

Immunohistochemistry: 1: 30-150

Images



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using WISP2 Antibody at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using WISP2 Antibody at dilution 1/45, 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 (CT) domain. The encoded protein lacks the CT domain which is implicated in dimerization and heparin binding. It is 72% identical to the mouse protein at the amino acid level. This gene may be downstream in the WNT1 signaling pathway that is relevant to malignant transformation. Its expression in colon tumors is reduced while the other two WISP members are overexpressed in colon tumors. It is expressed at high levels in bone tissue, and may play an important role in modulating bone turnover.?

Note: This product is for in vitro research use only