

# WISP2 Rabbit Polyclonal Antibody



CAB7456

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

27kDa

### Calculated MW:

22kDa/26kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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.

## Immunogen information

### Gene ID:

8839

### Uniprot

O76076

### Synonyms:

WISP2; CCN5; CT58; CTGF-L

### Immunogen:

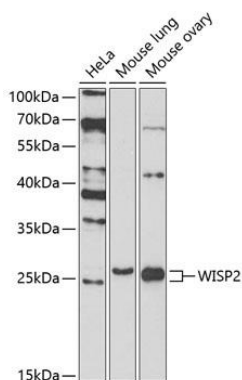
Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human WISP2 (NP\_003872.1).

### Storage:

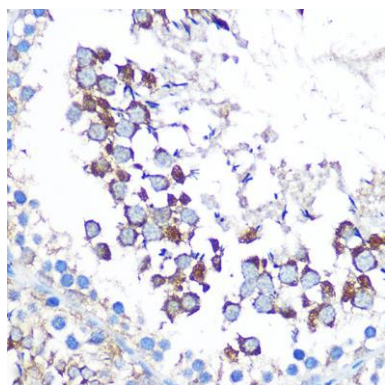
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

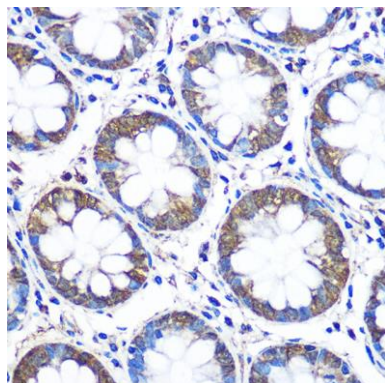
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Western blot analysis of extracts of various cell lines, using WISP2 antibody (CAB7456) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat testis using WISP2 Rabbit pAb (CAB7456) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human colon using WISP2 Rabbit pAb (CAB7456) at dilution of 1:100 (40x lens).