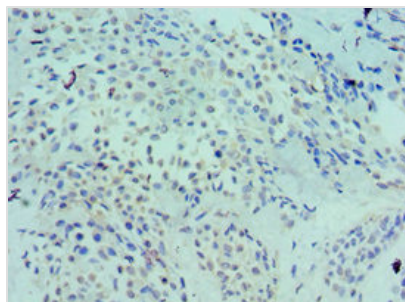


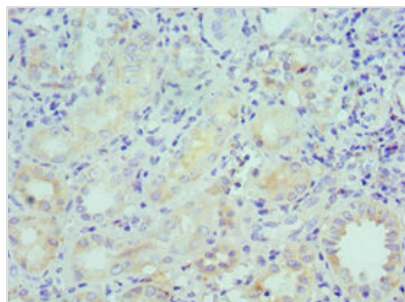
LRP6 Antibody

Product Code	CSB-PA013102ESR2HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	O75581
Immunogen	Recombinant Human Low-density lipoprotein receptor-related protein 6 protein (20-150AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, IHC; Recommended dilution: IHC:1:20-1:200
Relevance	Component of the Wnt-Fzd-LRP5-LRP6 complex that triggers beta-catenin signaling through inducing aggregation of receptor-ligand complexes into ribosome-sized signalsomes. Cell-surface coreceptor of Wnt/beta-catenin signaling, which plays a pivotal role in bone formation. The Wnt-induced Fzd/LRP6 coreceptor complex recruits DVL1 polymers to the plasma membrane which, in turn, recruits the AXIN1/GSK3B-complex to the cell surface promoting the formation of signalsomes and inhibiting AXIN1/GSK3-mediated phosphorylation and destruction of beta-catenin. Required for posterior patterning of the epiblast during gastrulation (By similarity).
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Antigen Affinity Purified
Isotype	IgG
Clonality	Polyclonal
Alias	Low-density lipoprotein receptor-related protein 6 (LRP-6), LRP6
Species	Human
Research Area	Signal Transduction
Target Names	LRP6

Image



Immunohistochemistry of paraffin-embedded human breast cancer using CSB-PA013102ESR2HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded human kidney tissue using CSB-PA013102ESR2HU at dilution of 1:100