antibodies -online.com







anti-LRP5 antibody





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Quantity:	200 μL
Target:	LRP5
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRP5 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Synthetic peptide of human LRP5
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	LRP5
Alternative Name:	LRP5 (LRP5 Products)
Background:	This gene encodes a transmembrane low-density lipoprotein receptor that binds and
	internalizes ligands in the process of receptor-mediated endocytosis. This protein also acts as
	a co-receptor with Frizzled protein family members for transducing signals by Wnt proteins and
	was originally cloned on the basis of its association with type 1 diabetes mellitus in humans.

Target Details

This protein plays a key role in skeletal homeostasis and many bone density related diseases
are caused by mutations in this gene. Mutations in this gene also cause familial exudative
vitreoretinopathy.

NCBI Accession: NP_002326

UniProt: 075197

Pathways: WNT Signaling, Stem Cell Maintenance, Positive Regulation of fat Cell Differentiation

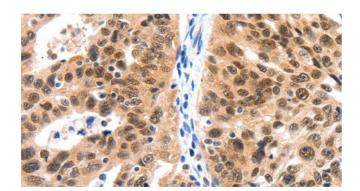
Application Details

Application Notes: IHC 1:100-1:300

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1.4 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using LRP5 Polyclonal Antibody at dilution 1:115