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## LRP6 Rabbit pAb

Catalog Number: bs-2905R

Target Protein: LRP6

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse)

Predicted MW: 175 kDa

Entrez Gene: 4040

Swiss Prot: O75581

Source: KLH conjugated synthetic peptide derived from human LRP6: 451-550/1613.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** This gene encodes a member of the low density lipoprotein (LDL) receptor gene family. LDL receptors are transmembrane cell surface proteins involved in receptor-mediated endocytosis of lipoprotein and protein ligands. The protein encoded by this gene functions as a receptor or, with Frizzled, a co-receptor for Wnt and thereby transmits the canonical Wnt/beta-catenin signaling cascade. Through its interaction with the Wnt/beta-catenin signaling cascade this gene plays a role in the regulation of cell differentiation, proliferation, and migration and the development of many cancer types. This protein undergoes gamma-secretase dependent RIP- (regulated intramembrane proteolysis) processing but the precise locations of the cleavage sites have not been determined.[provided by RefSeq, Dec 2009].

### PRODUCT SPECIFIC PUBLICATIONS

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[IF=9.13] Huang et al. DDB2 Is a Novel Regulator of Wnt Signaling in Colon Cancer. (2017) Cancer.Res. 77:6562-6575 IHC ;

Mouse&Human . 29021137