



# Anti-PORCN monoclonal antibody (DCABH-201284)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene belongs to the evolutionarily conserved porcupine (Porc) gene family. Genes of the porcupine family encode endoplasmic reticulum proteins with multiple transmembrane domains. Porcupine proteins are involved in the processing of Wnt (wingless and int homologue) proteins. Disruption of this gene is associated with focal dermal hypoplasia, and the encoded protein has been implicated in cancer. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed.
<b>Immunogen</b>	A synthetic peptide of human PORCN is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA
<b>Size</b>	1 mg
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PORCN porcupine homolog (Drosophila) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PORCN
<b>Synonyms</b>	PORCN; porcupine homolog (Drosophila); PPN; DHOF; FODH; MG61; PORC; protein-cysteine N-palmitoyltransferase porcupine; probable protein-cysteine N-palmitoyltransferase porcupine;

<b>Entrez Gene ID</b>	<a href="#">64840</a>
<b>Protein Refseq</b>	<a href="#">NP_001269096</a>
<b>UniProt ID</b>	<a href="#">Q9H237</a>
<b>Chromosome Location</b>	Xp11.23
<b>Pathway</b>	Signal Transduction; Signaling by Wnt; WNT ligand biogenesis and trafficking; Wnt signaling pathway.
<b>Function</b>	transferase activity, transferring acyl groups;