



## Rabbit Anti-DIXDC1 antibody

SL14334R

<b>Product Name:</b>	DIXDC1
<b>Chinese Name:</b>	卷曲螺旋蛋白DIX1抗体
<b>Alias:</b>	CCD1; Ccd1Aalpha1L; Ccd1Abeta1L; Ccd1BalphaL; Ccd1BbetaL; Ccd1CL; Coiled coil DIX1; Coiled coil protein DIX1; Coiled-coil protein DIX1; Coiled-coil-DIX1; DIX domain containing 1; DIX domain containing protein 1; DIX domain-containing protein 1; DIXC1 HUMAN; DIXDC1; Dixin; KIAA1735.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	77kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human DIXDC1:51-150/683
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	The protein encoded by this gene is a positive regulator of the Wnt signaling pathway. The encoded protein is found associated with gamma tubulin at the centrosome. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2013]

**Function:**

Positive effector of the Wnt signaling pathway; activates WNT3A signaling via DVL2. Regulates JNK activation by AXIN1 and DVL2.

**Subcellular Location:**

Cytoplasm; Cell junction; focal adhesion. Associated with actin stress fiber at the filament ends and Cytoplasm; cytosol. Colocalizes with gamma-tubulin at the centrosome, both during interphase and mitosis.

**Tissue Specificity:**

Ubiquitously expressed with higher expression in cardiac and skeletal muscles.

**Post-translational modifications:**

Phosphorylated on tyrosine and serine residues. Polyubiquitinated, leading to its proteasomal degradation. WNT3A signaling increases DIXDC1 protein levels by inhibiting its ubiquitination and subsequent degradation.

**Similarity:**

Belongs to the DIXDC1 family.  
Contains 1 CH (calponin-homology) domain.  
Contains 1 DIX domain.

**SWISS:**

Q155Q3

**Gene ID:**

85458

**Database links:**

[Entrez Gene: 85458](#) Human

[Omir: 610493](#) Human

[SwissProt: Q155Q3](#) Human

[Unigene: 655626](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.