

DIXDC1 Rabbit pAb

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Catalog # AP55528

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q155Q3
Predicted	Rat, Pig, Dog, Human, Mouse, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	77478
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DIXDC1
Epitope Specificity	51-150/683
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	85458
Other Names	Dixin, Coiled-coil protein DIX1, Coiled-coil-DIX1, DIX domain-containing protein 1, DIXDC1, CCD1, KIAA1735
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	DIXDC1
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Synonyms	CCD1, KIAA1735
Function	Positive effector of the Wnt signaling pathway; activates WNT3A signaling via DVL2. Regulates JNK activation by AXIN1 and DVL2.
Cellular Location	Cell junction, focal adhesion. Cytoplasm, cytoskeleton, stress fiber. Cytoplasm Note=Colocalizes with gamma-tubulin at the centrosome, both during interphase and mitosis (PubMed:19375513). Associated with actin stress fiber at the filament ends (PubMed:16814745)
Tissue Location	Ubiquitously expressed with higher expression in cardiac and skeletal muscles.

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.