

CXXC4 rabbit pAb

Catalog No :	YT7623
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	CXXC4
Fields :	>>Wnt signaling pathway
Gene Name :	CXXC4 IDAX
Protein Name :	CXXC4
Human Gene Id :	80319
Human Swiss Prot No :	Q9H2H0
Mouse Gene Id :	319478
Mouse Swiss Prot No :	Q6NXI8
Rat Gene Id :	83824
Rat Swiss Prot No :	Q9EQC9
Immunogen :	Synthesized peptide derived from human CXXC4 AA range: 15-65
Specificity :	This antibody detects endogenous levels of CXXC4 at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1[?]500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year (Do not lower than -25°C)

Molecularweight : 22kD

Background : This gene encodes a CXXC-type zinc finger domain-containing protein that functions as an antagonist of the canonical wingless/integrated signaling pathway. The encoded protein negatively regulates wingless/integrated signaling through interaction with the post synaptic density protein/ Drosophila disc large tumor suppressor/ zonula occludens-1 protein domain of Dishevelled, a scaffolding protein required for the stabilization of the transcriptional co-activator beta-catenin. In addition, the CXXC domain of this protein has been shown to bind unmethylated CpG dinucleotides, localize to promoters and CpG islands, and interact with the catalytic domain of methylcytosine dioxygenase ten-eleven-translocation 2, an iron and alpha-ketoglutarate-dependent dioxygenase that modifies the methylation status of DNA. In humans, a mutation in this gene has been associated with development of malignant renal cell carcinoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015],

Function : function:Acts as a negative regulator of the Wnt signaling pathway via its interaction with DVL1.,similarity:Contains 1 CXXC-type zinc finger.,subunit:Interacts with the PDZ domain of DVL1.,

Subcellular Location : Cytoplasm .

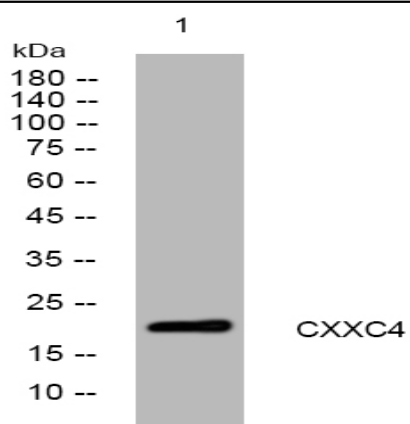
Sort : 4696

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images



Western blot analysis of lysates from HEK293 cells, primary antibody was diluted at 1:1000, 4° over night