Datasheet for ABIN6138442

anti-CETN2 antibody (AA 1-172)

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Overview

Quantity:	100 µL
Target:	CETN2
Binding Specificity:	AA 1-172
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CETN2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-172 of human CETN2 (NP_004335.1).
Sequence:	MASNFKKANM ASSSQRKRMS PKPELTEEQK QEIREAFDLF DADGTGTIDV KELKVAMRAL GFEPKKEEIK KMISEIDKEG TGKMNFGDFL TVMTQKMSEK DTKEEILKAF KLFDDDETGK ISFKNLKRVA KELGENLTDE ELQEMIDEAD RDGDGEVSEQ EFLRIMKKTS LY
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

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Target Details

Target:	CETN2
Alternative Name:	CETN2 (CETN2 Products)
Background:	Caltractin belongs to a family of calcium-binding proteins and is a structural component of the centrosome. The high level of conservation from algae to humans and its association with the centrosome suggested that caltractin plays a fundamental role in the structure and function of the microtubule-organizing center, possibly required for the proper duplication and segregation of the centrosome.,CETN2,CALT,CEN2,centrin-2,Epigenetics & Nuclear Signaling,DNA Damage & Repair,Signal Transduction,Cell Biology & Developmental Biology,Cell Cycle,Centrosome,Neuroscience,Calcium Signaling,CETN2
Molecular Weight:	19 kDa
Gene ID:	1069
UniProt:	P41208
Pathways:	DNA Damage Repair, M Phase

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

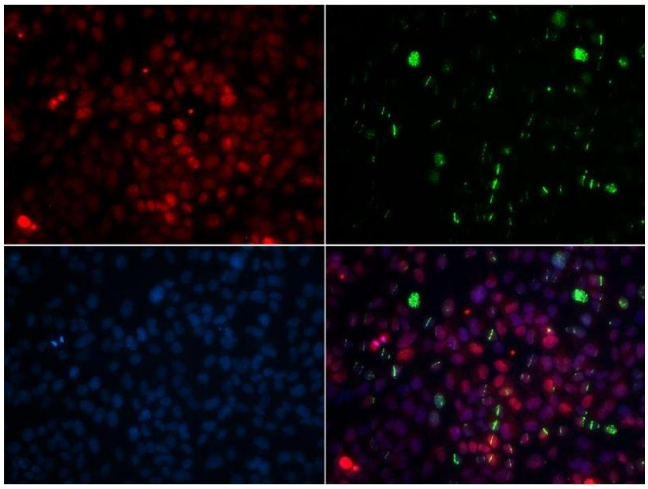
Publications

Product cited in:	Huang, Rehman, Lan, Qiu, Zhang, Iqbal, Luo, Mehmood, Zhang, Li: "Tibial dyschondroplasia is

Publications

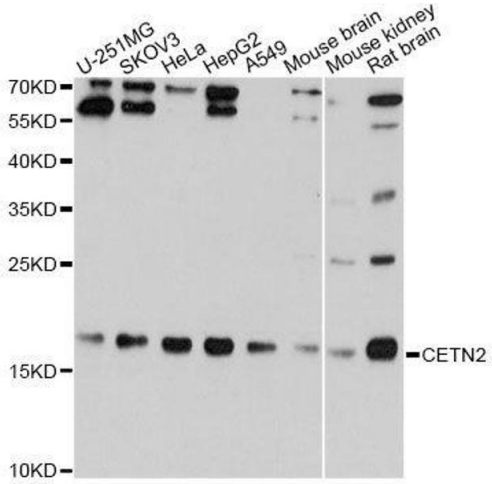
highly associated with suppression of tibial angiogenesis through regulating the HIF-1α/VEGF/VEGFR signaling pathway in chickens." in: **Scientific reports**, Vol. 7, Issue 1, pp. 9089, (2017) (PubMed).

Images



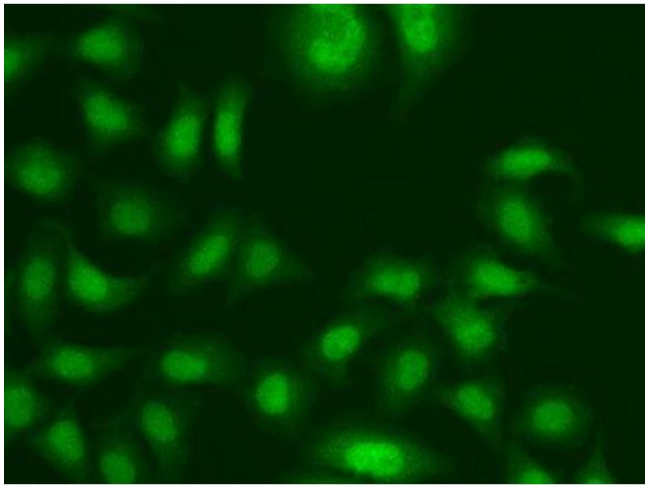
Immunofluorescence

Image 1. Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cells using CETN2 antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CETN2 Antibody.



Immunofluorescence

Image 3. Immunofluorescence analysis of A549 cells using CETN2 antibody.

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