

Rabbit CETN2 Polyclonal Antibody | anti-CETN2 antibody

CETN2 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282401	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence

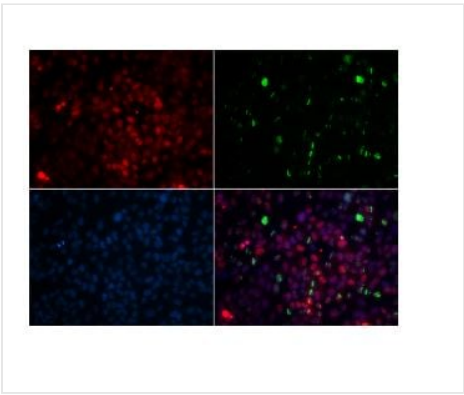
PRODUCT SYNONYMS

CETN2; Polyclonal Antibody; CETN2 Rabbit pAb; CALT; CEN2; anti-CETN2 antibody

PRODUCT SPECIFICATIONS

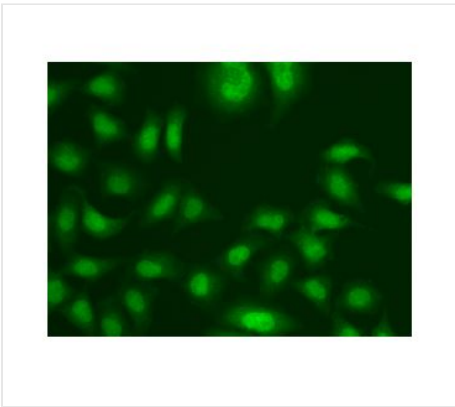
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	MASNFKKANM ASSSQKRMS PKPELTEEQK QEIREAFDLF DADGTGTIDV KELKVAMRAL GFEPKKEEIK KMISEIDKEG TGKMNFGDFL TVMTQKMSEK DTKEEILKAF KLFDDDETGK ISFKNLKRVA KELGENLTDE ELQEMIDEAD RDGDGEVSEQ EFLRIMKKTS LY
Applicable Applications for anti-CETN2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence)
Positive Samples	Rat spleen
Cellular Location	Cytoplasm, Nucleus, centriole, centrosome, cytoskeleton, microtubule organizing center
Research Area	Epigenetics Nuclear Signaling, DNA Damage Repair, Signal Transduction, Cell Biology Developmental Biology, Cell Cycle, Centrosome, Neuroscience, Calcium Signaling
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-172 of human CETN2 (NP_004335.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack

IMAGES



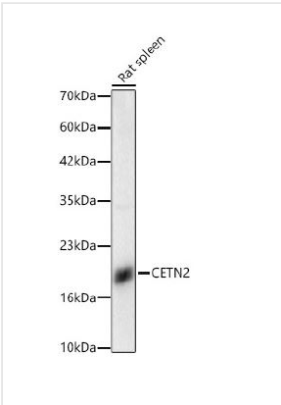
IF (Immunofluorescence)

Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cells using CETN2 antibody (AAA282401). Green?GFP-RNF168 fusion protein expression for DNA damage marker.Blue: DAPI for nuclear staining. RNF168 (GFP) can be used to mark cells damaged by UV-A laser for they always gather around DNA damage region.



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using CETN2 antibody (AAA282401).



WB (Western Blot)

Western blot analysis of Rat spleen, using CETN2 Rabbit pAb (AAA282401) at 1:5000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-CETN2 antibody	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.
Product Categories/Family for anti-CETN2 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757902
NCBI GeneID	1069
NCBI Accession #	NP_004335.1
NCBI GenBank Nucleotide #	NM_004344.1
UniProt Accession #	P41208 ; Q53XW1 ; B2R4T4
Molecular Weight	19,738 Da

NCBI Official Full Name	centrin-2
NCBI Official Synonym Full Names	centrin, EF-hand protein, 2
NCBI Official Symbol	CETN2
NCBI Official Synonym Symbols	CALT; CEN2
NCBI Protein Information	centrin-2; caltractin (20kD calcium-binding protein)
UniProt Protein Name	Centrin-2
UniProt Gene Name	CETN2
UniProt Synonym Gene Names	CALT; CEN2
UniProt Entry Name	CETN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cetn2-antibody-immunocytochemistry-immunofluorescence-elisa/282401>