

Rabbit Centrin 2 Polyclonal Antibody | anti-CETN2 antibody

Centrin 2 Antibody

CATALOG # AAA323076	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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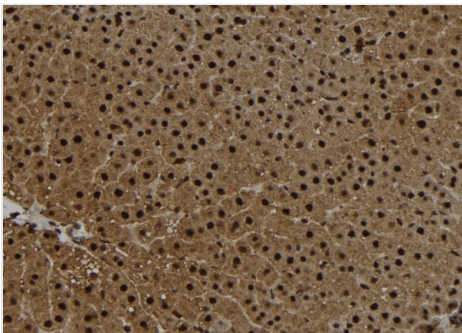
PRODUCT SYNONYMS

Centrin 2; Polyclonal Antibody; Centrin 2 Antibody; 20kD calcium binding protein; CALT; caltractin; Caltractin isoform 1; CEN2; centrin; EF hand protein; 2; Centrin-2; Centrin2; CETN2; CETN2_HUMAN; EF hand protein 2; EF-hand protein; anti-CETN2 antibody

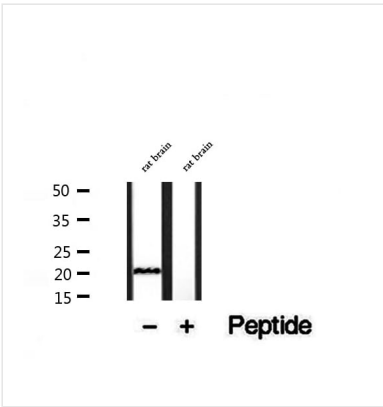
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Centrin 2 antibody detects endogenous levels of Centrin 2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	172
Applicable Applications for anti-CETN2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Centrin 2.
Subcellular Location	Cytoplasm > Cytoskeleton > Centrosome > Centriole. Nucleus. Centrosome of S-phase, interphase and mitotic cells.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Zebrafish (83%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323076 at 1/100 staining Rat liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of rat brain tissue, using Centrin 2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CETN2 antibody	Function: Plays a fundamental role in microtubule organizing center structure and function. Required for centriole duplication and correct spindle formation. Has a role in regulating cytokinesis and genome stability via cooperation with CALM1 and CCP110. Subunit Structure: Monomer. Homooligomer. Interacts with CCP110, SFI1. Component of the XPC complex composed of XPC, RAD23B and CETN2. Component of the TREX-2 complex (transcription and export complex 2), composed of at least ENY2, GANP, PCID2, SEM1, and either centrin CETN2 or CETN3 (PubMed:22307388). Similarity: Belongs to the centrin family.
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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	Observed: 21 kDa Predicted: 20 kDa
NCBI Official Full Name	centrin-2
NCBI Official Synonym Full Names	centrin 2
NCBI Official Symbol	CETN2
NCBI Official Synonym Symbols	CALT; CEN2
NCBI Protein Information	centrin-2
UniProt Protein Name	Centrin-2
UniProt Gene Name	CETN2
UniProt Synonym Gene Names	CALT; CEN2

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.