



CETN2 rabbit pAb

Catalog No	YP-Ab-12204
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	CETN2 CALT CEN2
Immunogen	Synthesized peptide derived from human CETN2 AA range: 1-51
Specificity	This antibody detects endogenous levels of CETN2 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CALT;Caltractin isoform 1;CEN2;Centrin 2;centrin2;centrin;EF hand protein;2;CETN2;CETN2 CALT CEN2
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole . Nucleus envelope . Nucleus, nuclear pore complex . Nucleus .
Tissue Specificity	
Function	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 CEP110.,miscellaneous:Binds two moles of calcium per mole of protein., similarity:Belongs to the centrin family.,similarity:Contains 4 EF-hand domains., subcellular location:Centrosome of S-phase, interphase and mitotic cells., subunit:Monomer. Interacts with CEP110, SFI1 and with XPC.,



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. [provided by RefSeq, Jul 2008],

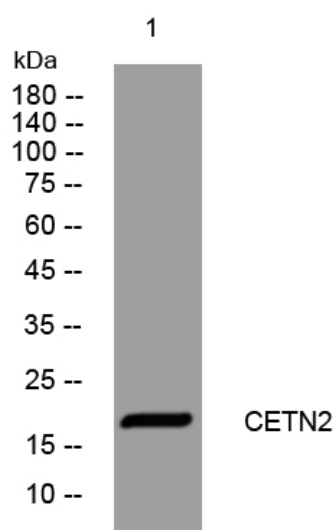
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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