

For Research Use Only

Centrin 2 Recombinant monoclonal antibody

Catalog Number: 88406-1-RR



Basic Information

Catalog Number: 88406-1-RR	GenBank Accession Number: BC005334	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1069	CloneNo.: 260861B4
Source: Rabbit	UNIPROT ID: P41208	Recommended Dilutions: WB: 1:1000-1:4000
Isotype: IgG	Full Name: centrin, EF-hand protein, 2	
Immunogen Catalog Number: AG8638	Calculated MW: 172 aa, 20 kDa	
	Observed MW: 20 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, mouse brain tissue, rat brain tissue, HT-29 cells, fetal human brain tissue
Species Specificity: human, mouse, rat	

Background Information

Centrin 2 is also named as CALT, or CEN2. It plays a fundamental role in microtubule-organizing center structure and function. Oxidizing radiation induces polymerization of centrin 2 into dimers, tetramers, hexamers, and even higher molecular mass species, as a function of the radiation dose (PMID:17603931). It is specifically localized to the centrosome of interphase and mitotic cells in both HeLa and BHK cells (PMID:8248209).

Storage

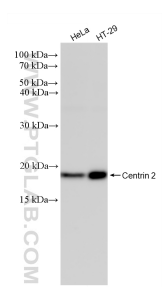
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

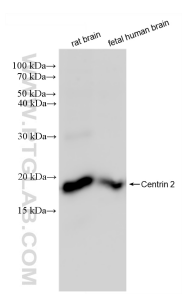
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

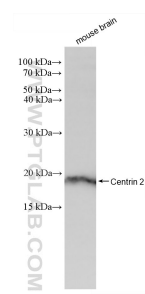
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88406-1-RR (Centrin 2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 88406-1-RR (Centrin 2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Mouse brain tissue lysates were subjected to SDS PAGE followed by western blot with 88406-1-RR (Centrin 2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.