

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
Source: Rabbit	GeneID (NCBI): 1069	CloneNo.: 260861B4
Isotype: IgG	UNIPROT ID: P41208	Recommended Dilutions: WB: 1:1000-1:4000
Immunogen Catalog Number: AG8638	Full Name: centrin, EF-hand protein, 2	
	Calculated MW: 172 aa, 20 kDa	
	Observed MW: 20 kDa	

Applications

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

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

For technical support and original validation data for this product please contact:

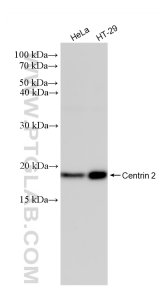
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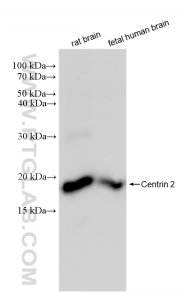
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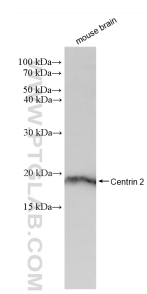
Selected Validation Data



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.