

For Research Use Only

SMC2 Recombinant antibody, PBS Only

Catalog Number: 84835-1-PBS



Basic Information

Catalog Number: 84835-1-PBS	GenBank Accession Number: NM_001042550.1	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 10592	CloneNo.: 241536G3
Source: Rabbit	UNIPROT ID: O95347	
Isotype: IgG	Full Name: structural maintenance of chromosomes 2	
Immunogen Catalog Number: AG33471	Calculated MW: 136 kDa	

Applications

Tested Applications:
IHC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

SMC2 is a central component of the condensin complex, a complex required for conversion of interphase chromatin into mitotic-like condense chromosomes. The condensin complex probably introduces positive supercoils into relaxed DNA in the presence of type I topoisomerases and converts nicked DNA into positive knotted forms in the presence of type II topoisomerases (PMID: 11136719).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

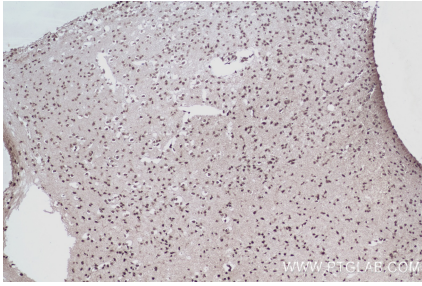
T: 4006900926

E: Proteintech-CN@ptglab.com

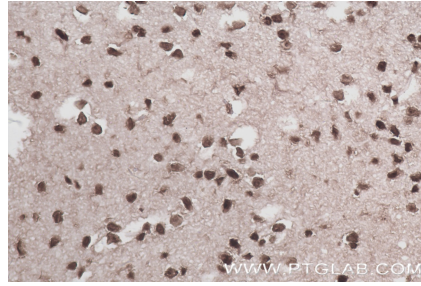
W: ptgcn.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 84835-1-RR (SMC2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84835-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 84835-1-RR (SMC2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84835-1-PBS in a different storage buffer formulation.