

For Research Use Only

BEND2 Polyclonal antibody

Catalog Number: 24958-1-AP



Basic Information

Catalog Number: 24958-1-AP	GenBank Accession Number: BC096745	Purification Method: Antigen affinity purification
Concentration: 800 ug/ml	GeneID (NCBI): 139105	Recommended Dilutions: WB: 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q8NDZO	
Isotype: IgG	Full Name: BEN domain containing 2	
Immunogen Catalog Number: AG21152	Calculated MW: 799 aa, 88 kDa	
	Observed MW: 130-140 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse testis tissue, rat testis tissue
Species Specificity: human, mouse, rat	

Background Information

BEND2 (BEN domain-containing protein 2) is a novel protein that is specifically expressed in spermatogenic cells around the time of meiotic initiation (PMID: 35613276). BEND2 interacted with a number of chromatin-associated proteins-including ZMYM2, LSD1, CHD4, and ADNP- which are components of certain transcription-repressor complexes. In the testis, Bend2 expresses two protein isoforms: the 130 kDa protein corresponds to the full-length BEND2, which displays a slower electrophoretic mobility due to its unusual sequence/structure. The 75 kDa protein corresponds to a smaller version of BEND2 lacking the N-terminus, p80.

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:

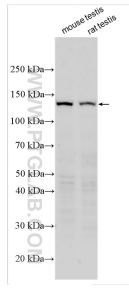
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24958-1-AP (BEND2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.