

For Research Use Only

BRWD3 Polyclonal antibody, PBS Only

Catalog Number: 31795-1-PBS



Basic Information

Catalog Number: 31795-1-PBS	GenBank Accession Number: BC039508	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 254065	
Source: Rabbit	UNIPROT ID: Q6RI45	
Isotype: IgG	Full Name: bromodomain and WD repeat domain containing 3	
Immunogen Catalog Number: AG36948	Calculated MW: 204 kDa	
	Observed MW: 240 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

Bromodomain and WD repeat-containing protein 3 (BRWD3) is thought to regulate gene expression through its interactions with chromatin. BRWD3 promotes the K48-linked polyubiquitination and degradation of KDM5, which depends on BRWD3 and Cul4. This function is critical for maintaining H3K4 methylation levels and regulating gene expression (PMID: 37722046). Mutations of BRWD3 are associated with a spectrum of cognitive disabilities and X-linked macrocephaly (PMID: 17668385).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

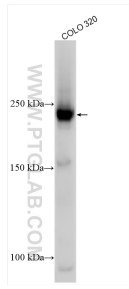
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31795-1-AP (BRWD3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31795-1-PBS in a different storage buffer formulation.