

For Research Use Only

BRWD3 Polyclonal antibody

Catalog Number: 31795-1-AP



Basic Information

Catalog Number:

31795-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36948

GenBank Accession Number:

BC039508

GeneID (NCBI):

254065

UNIPROT ID:

Q6RI45

Full Name:

bromodomain and WD repeat domain containing 3

Calculated MW:

204 kDa

Observed MW:

240 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : COLO 320 cells,

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

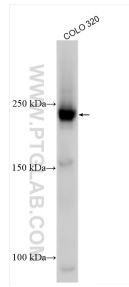
For technical support and original validation data for this product please contact:

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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.