For Research Use Only

BRWD3 Polyclonal antibody, PBS Only

Catalog Number:31795-1-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
31795-1-PBS

Size:
1 mg/ml

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

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

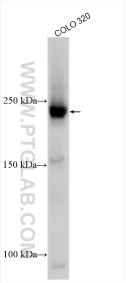
Bromodomain and WD repeat-containing protein 3 (BRWD3) is thought to regulate gene expression through its interactions with chromatin. BRWD3 promotes the K48-linked polyubiquitination and degradation of KDM5, which depends on BRWD3 and Cul4. This function is critical for maintaining H3K4 methylation 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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.