

# BRIP1 Polyclonal ANTIBODY

Catalog Number: 24436-1-AP

## Basic Information

<b>Catalog Number:</b> 24436-1-AP	<b>GenBank Accession Number:</b> BC101472	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Size:</b> 70 µg/150 µl	<b>GeneID (NCBI):</b> 83990	
<b>Source:</b> Rabbit	<b>Full Name:</b> BRCA1 interacting protein C-terminal helicase 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1249aa, 141 kDa	
<b>Purification Method:</b> Antigen affinity purification	<b>Observed MW:</b> 100 kDa	
<b>Immunogen Catalog Number:</b> AG19907		

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse testis tissue;
<b>Species Specificity:</b> human, mouse	
<b>Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

BRIP1 also named as BACH1, FANCI or ATP dependent RNA helicase BRIP1 is a 1249 amino acid protein, which contains one helicase ATP-binding domain and belongs to the DEAD box helicase family, DEAH subfamily. BRIP1 contains nuclear localization signal and is ubiquitously expressed with highest levels in testis, an expression pattern similar to that of BRCA1. BRIP1 is required to resolve the secondary structures of guanine-rich DNA that occasionally form during lagging-strand DNA synthesis.

## Notable Publications

Author	Pubmed ID	Journal	Application
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## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

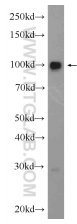
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## Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 24436-1-AP (BRIP1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours