

# BAD

## Polyclonal ANTIBODY

Catalog Number: 10435-1-AP

Featured Product

27 Publications

### Basic Information

Catalog Number:  
10435-1-AP

Size:  
58 µg/150 µl

Source:  
Rabbit

Isotype:  
IgG

Purification Method:  
Antigen affinity purification

Immunogen Catalog Number:  
AG0688

GenBank Accession Number:  
BC001901

GeneID (NCBI):  
572

Full Name:  
BCL2-associated agonist of cell death

Calculated MW:  
18 kDa

Observed MW:  
18-25 kDa

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:100-1:500

### Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human

Cited Species:

human, rat, sheep

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : Jurkat cells; Tunicamycin treated HeLa cells

IHC : human prostate hyperplasia tissue; human lymphoma tissue, human prostate cancer tissue

### Background Information

BAD, also named as BBC6 and BCL2L8, promotes cell death. It successfully competes for the binding to Bcl-X(L), Bcl-2 and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. BAD can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2. It appears to act as a link between growth factor receptor signaling and the apoptotic pathways.

### Notable Publications

Author	Pubmed ID	Journal	Application
Yanan Li	27663303	BMC Microbiol	WB
Yannan Liu	30207362	Food Funct	WB,IHC
Hua-Xia Xie	26622467	Exp Ther Med	WB

### 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

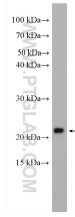
For technical support and original validation data for this product please contact:

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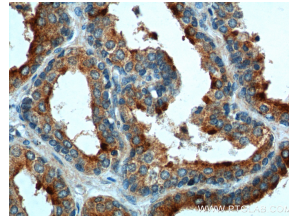
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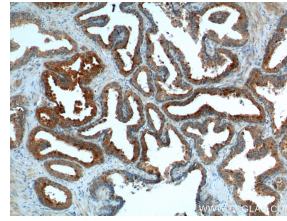
## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 10435-1-AP (BAD antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours



Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia tissue slide using 10435-1-AP (BAD Antibody) at dilution of 1:200 (under 40x lens)



Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia tissue slide using 10435-1-AP (BAD Antibody) at dilution of 1:200 (under 10x lens)