

# BZRAP1 Polyclonal antibody

Catalog Number: 28241-1-AP

## Basic Information

**Catalog Number:**

28241-1-AP

**Size:**

600 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG28198

**GenBank Accession Number:**

BC146852

**GeneID (NCBI):**

9256

**UNIPROT ID:**

O95153

**Full Name:**benzodiazepine receptor (peripheral)  
associated protein 1**Calculated MW:**

1857 aa, 200 kDa

**Observed MW:**

200-235 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:200-1:1000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

Human, mouse

**Positive Controls:**

WB: Neuro-2a cells,

## Background Information

BZRAP1, also named as TSPOAP1 and PBR-associated protein 1 (PRAX-1), is a cytoplasmic protein of 1857 residues. It plays a key role in inflammation, neuroinflammation, mental and metabolic diseases, and cancer. BZRAP1 predominantly expressed in the central nervous system, pituitary gland, and thymus, specially abundant in the CA1 subfield of the hippocampus. Tumor necrosis factor receptor 1 (TNFR1), vascular cell adhesion molecule 1 (VCAM1), cyclic AMP response element-binding protein 1 (CREB1), T-cell receptor (TCR), nucleotide-binding oligomerization domain, leucine-rich repeat and pyrin domain containing 3 (NLRP3), DNA-dependent protein kinase (DNA-PK or PRKDC), and mitochondrial permeability transition pore (mPTP) were the major interaction partners of BZRAP1 (PMID: 34212002).

## Storage

**Storage:**

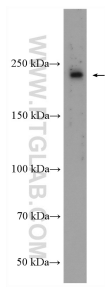
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

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

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Neuro-2a cells were subjected to SDS PAGE followed by western blot with 28241-1-AP (BZRAP1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.