

**BZRAP1 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21258b****Specification**

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**BZRAP1 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O95153</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Antigen Region	1551-1585

**BZRAP1 Antibody (C-term) - Additional Information****Gene ID** 9256**Other Names**

Peripheral-type benzodiazepine receptor-associated protein 1, PRAX-1, Peripheral benzodiazepine receptor-interacting protein, PBR-IP, RIMS-binding protein 1, RIM-BP1, BZRAP1, KIAA0612, RBP1, RIMBP1

**Target/Specificity**

This BZRAP1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1551-1585 amino acids from the C-terminal region of human BZRAP1.

**Dilution**

WB~~1:2000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

BZRAP1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**BZRAP1 Antibody (C-term) - Protein Information****Name** TSPOAP1 ([HGNC:16831](#))**Function** Required for synaptic transmission regulation (PubMed:[33539324](#)). It probably controls

the recruitment of voltage- gated calcium channels to the presynaptic membrane, and modulates neurotransmitter release.

#### Cellular Location

Cytoplasm. Mitochondrion. Note=Preferentially expressed in the mitochondria in the presence of TSPO

#### Tissue Location

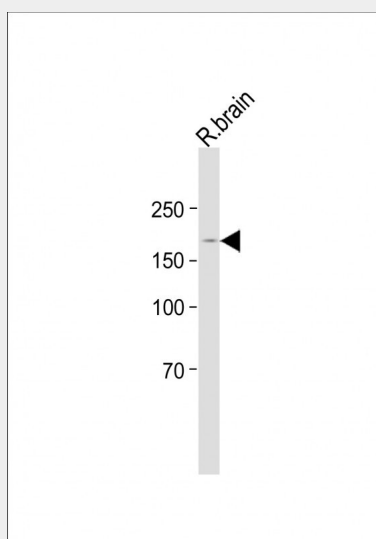
Predominantly expressed in brain, pituitary gland and thymus in adults. In adult brain, highest expression found in temporal lobe and the putamen, followed by amygdala, caudate nucleus, cerebral cortex, occipital and frontal lobe. A high expression level is also observed in fetal tissues like brain, heart, kidney and thymus

### BZRAP1 Antibody (C-term) - Protocols

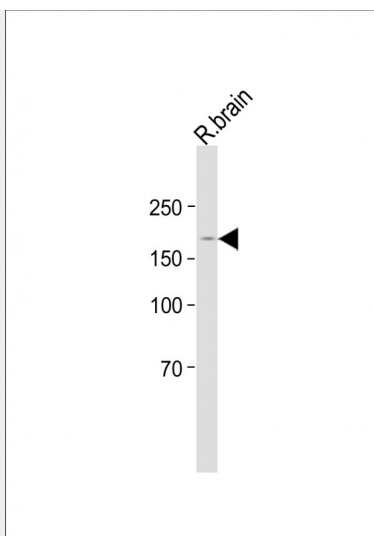
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

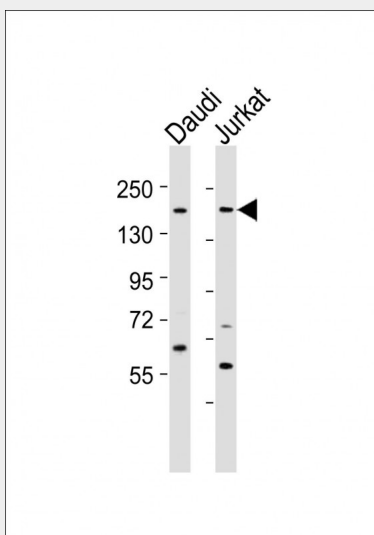
### BZRAP1 Antibody (C-term) - Images



All lanes: Anti-BZRAP1 Antibody (C-term) at 1:500 dilution + Rat brain lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 200 KDa Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes: Anti-BZRAP1 Antibody (C-term) at 1:500 dilution + Rat brain lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 200 KDa Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-BZRAP1 Antibody (C-term) at 1:2000 dilution Lane 1: Daudi whole cell lysates Lane 2: Jurkat whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 200 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

#### **BZRAP1 Antibody (C-term) - References**

Galiegue S.,et al.J. Biol. Chem. 274:2938-2952(1999).  
Ishikawa K.,et al.DNA Res. 5:169-176(1998).  
Parry D.A.,et al.Am. J. Hum. Genet. 92:307-312(2013).