

# **KBP Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP59358

## **Specification**

# **KBP Polyclonal Antibody - Product Information**

Application WB
Primary Accession O96EK5
Reactivity Rat
Host Rabbit
Clonality Polyclonal
Calculated MW 71814

# **KBP Polyclonal Antibody - Additional Information**

## **Gene ID 26128**

#### **Other Names**

KIF-binding protein, KIF1-binding protein, Kinesin family binding protein {ECO:0000312|HGNC:HGNC:23419}, KIFBP (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=23419" target="blank">HGNC:23419</a>)

### **Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

## **Storage**

Store at -20  $^{\circ}$ C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4  $^{\circ}$ C.

# **KBP Polyclonal Antibody - Protein Information**

## Name KIFBP (HGNC:23419)

### **Function**

Activator of KIF1B plus-end-directed microtubule motor activity (PubMed:<a href="http://www.uniprot.org/citations/16225668" target="\_blank">16225668</a>). Required for organization of axonal microtubules, and axonal outgrowth and maintenance during peripheral and central nervous system development.

### **Cellular Location**

Cytoplasm, cytoskeleton

## **Tissue Location**

Highly expressed in heart, brain, ovary, testis, spinal cord and all specific brain regions examined. Moderate expressed at intermediate level in all other adult tissues examined, as well as in fetal liver and brain. Not expressed in blood leukocytes

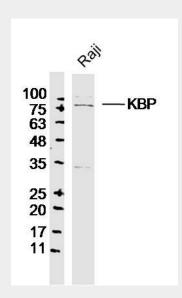


# **KBP Polyclonal Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **KBP Polyclonal Antibody - Images**

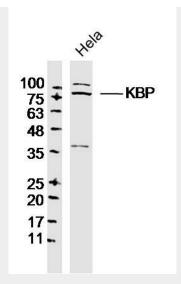


Sample: Raji Cell (Human) Lysate at 30 ug Primary: Anti-KBP (bs-9716R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 72kD Observed band size: 75kD





Sample: Hela Cell (Human) Lysate at 30 ug Primary: Anti-KBP (bs-9716R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 72kD Observed band size: 75kD