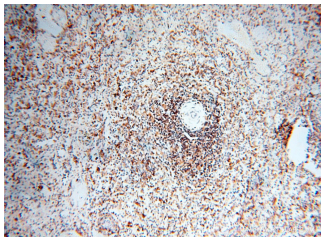
USA: proteintech@ptglab.com

Europe: europe@ptglab.com

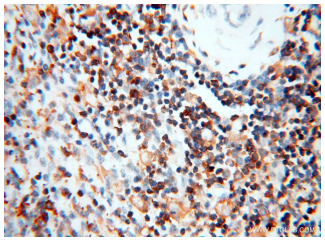
China: service@ptglab.com

BIN2 Polyclonal Antibody

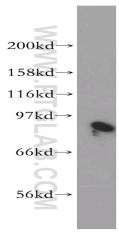
Catalog number: 14245-1-AP
Size: 30 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
BIN2; BIN2, BRAP 1, BRAP1, bridging integrator 2



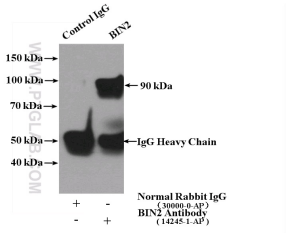
Immunohistochemical of paraffin-embedded human spleen using 14245-1-AP(BIN2 antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human spleen using 14245-1-AP(BIN2 antibody) at dilution of 1:100 (under 40x lens)



Jurkat cells were subjected to SDS PAGE followed by western blot with 14245-1-AP(BIN2 antibody) at dilution of 1:400



IP Result of anti-BIN2 (IP:14245-1-AP, 4ug; Detection:14245-1-AP 1:400)

Background

BAR proteins, which are characterized by a common N-terminal BAR domain, are a family of adaptor proteins implicated in a diverse set of cellular processes. BIN1 (bridging integrator 1) and BIN2 are BAR proteins. The human BIN2 gene is located at chromosome 4q22.1, and encodes a 565-amino acid protein with a predicted molecular weight of ~62 kDa. It shows preferential expression in hematopoietic tissues, with highest mRNA levels in spleen and peripheral blood leukocytes and also high levels in thymus, colon, and placenta. BIN2 has been shown to migrate with an apparent mobility of ~80 kDa, and interact with BIN1. (PMID: 10903846)

Applications

Tested applications:	**ELISA, WB, IHC, IP**
Species specificity:	**Human; other species not tested.**
Caculated BIN2 MW:	**62 kDa**
Observed BIN2 MW:	**80-90 kDa**
Positive WB detected in	**Jurkat cells**
Positive IP detected in	**Jurkat cells**
Positive IHC detected in	**Human spleen tissue, human heart tissue, human lung tissue, human ovary tissue, human skin tissue**
Recommended dilution:	**WB: 1:200-1:2000** **IP: 1:200-1:1000** **IHC: 1:20-1:200**

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag5502**
GenBank accession number:	**BC047686**
Gene ID (NCBI):	**51411**
Full name:	**Bridging integrator 2**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**

with Jurkat cells lysate
2000ug.