

BAG2 Rabbit Polyclonal Antibody



CAB7763

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

24kDa

Calculated MW:

20kDa/23kDa

Applications:

WB IHC IF

Reactivity:

Human

Protein Background

BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain and promote substrate release. All the BAG proteins have an approximately 45-amino acid BAG domain near the C terminus but differ markedly in their N-terminal regions. The predicted BAG2 protein contains 211 amino acids. The BAG domains of BAG1, BAG2, and BAG3 interact specifically with the Hsc70 ATPase domain in vitro and in mammalian cells. All 3 proteins bind with high affinity to the ATPase domain of Hsc70 and inhibit its chaperone activity in a Hip-repressible manner.

Immunogen information

Gene ID:

9532

Uniprot

O95816

Synonyms:

BAG2; BAG-2; dJ41711.2

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

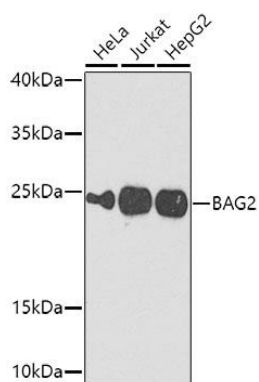
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-211 of human BAG2 (NP_004273.1).

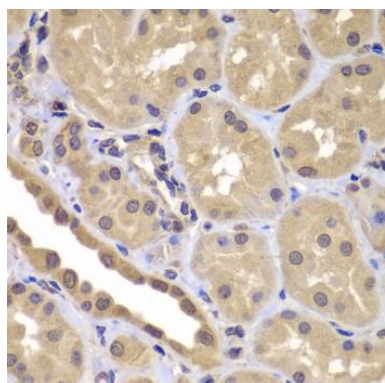
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

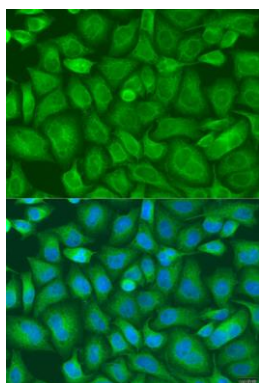
Product Images



Western blot analysis of extracts of various cell lines, using BAG2 antibody (CAB7763) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 60s.



Immunohistochemistry of paraffin-embedded human kidney using BAG2 antibody (CAB7763) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using BAG2 antibody (CAB7763) at dilution of 1:100. Blue: DAPI for nuclear staining.