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Datasheet for ABIN3043508
anti-BAG2 antibody (AA 1-211)

4 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | BAG2 |
| Binding Specificity: | AA 1-211 |
| Reactivity: | Human, Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This BAG2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|-----------------------------|---|
| Purpose: | Rabbit IgG polyclonal antibody for BAG family molecular chaperone regulator 2(BAG2) detection. Tested with WB, IHC-P in Human,Mouse,Rat. |
| Immunogen: | E.coli-derived human BAG2 recombinant protein (Position: M1-N211). Human BAG2 shares 93.4% amino acid (aa) sequence identity with mouse BAG2. |
| Isotype: | IgG |
| Cross-Reactivity (Details): | No cross reactivity with other proteins. |
| Characteristics: | Rabbit IgG polyclonal antibody for BAG family molecular chaperone regulator 2(BAG2) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: BCL2-associated athanogene 2 Protein Name: BAG family molecular chaperone regulator 2 |
| Purification: | Immunogen affinity purified. |

Target Details

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|-------------------|---|
| Target: | BAG2 |
| Alternative Name: | BAG2 (BAG2 Products) |
| Background: | <p>BAG family molecular chaperone regulator 2 is a protein that in humans is encoded by the BAG2 gene. 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. The functional antagonisms displayed between BAG family proteins and Hip suggest that a proper balance of these 2 types of protein is required for achieving optimal cycles of substrate binding and release required for inducing conformational changes in proteins, with Hip promoting peptide substrate binding by Hsc70/Hsp70 and BAG family proteins promoting dissociation.</p> <p>Synonyms: BAG 2 antibody BAG family molecular chaperone regulator 2 antibody BAG-2 antibody BAG-family molecular chaperone regulator-2 antibody Bag2 antibody BAG2_HUMAN antibody BCL 2 associated athanogene 2 antibody Bcl-2-associated athanogene 2 antibody BCL2 associated athanogene 2 antibody BCL2-associated athanogene 2 antibody dJ41711.2 (BAG family molecular chaperone regulator 2) antibody dJ41711.2 antibody KIAA0576 antibody MGC149462 antibody OTTHUMP00000016668 antibody</p> |
| Gene ID: | 9532 |
| UniProt: | O95816 |

Application Details

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| Application Notes: | <p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat</p> <p>IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.</p> <p>Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.</p> |
| Comment: | Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P). |
| Restrictions: | For Research Use only |

Handling

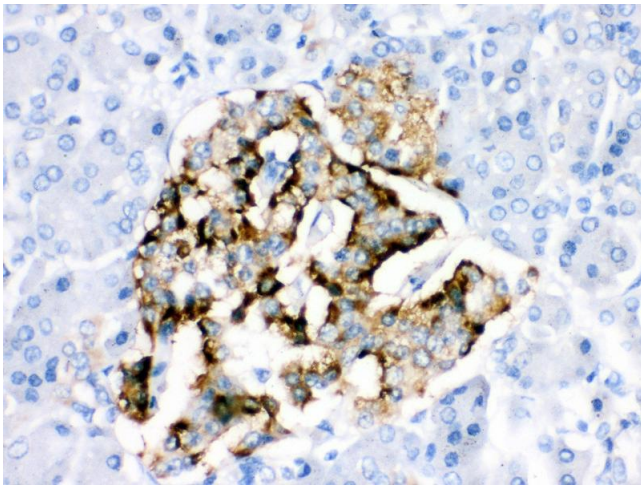
| | |
|--------------------|---|
| Format: | Lyophilized |
| Reconstitution: | Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL. |
| Concentration: | 500 µg/mL |
| Buffer: | Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freezing and thawing. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing. |

Images



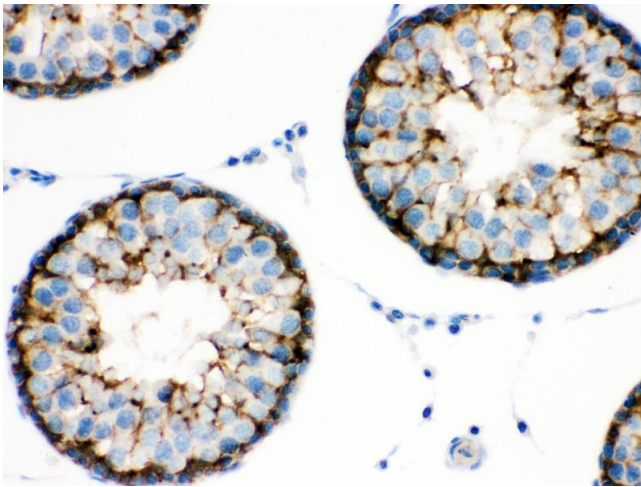
Western Blotting

Image 1.



Immunohistochemistry

Image 2. Anti- BAG2 Picoband antibody,IHC(P) IHC(P):
Human Pancreatic Cancer Tissue



Immunohistochemistry

Image 3. Anti- BAG2 Picoband antibody,IHC(P) IHC(P): Rat
Testis Tissue

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3043508.