

Datasheet for ABIN7249157

**anti-BAG2 antibody**

3 Images

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## Overview

Quantity:	200 µL
Target:	BAG2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Synthetic peptide of human BAG2
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

## Target Details

Target:	BAG2
Alternative Name:	BAG2 ( <a href="#">BAG2 Products</a> )
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

## Target Details

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.

Molecular Weight: Observed\_MW: Refer to figures  
Calculated\_MW: 24 kDa

UniProt: [O95816](#)

## Application Details

Application Notes: WB 1:500-1:2000, IHC 1:30-1:150, ELISA 1:5000-1:10000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.9 mg/mL

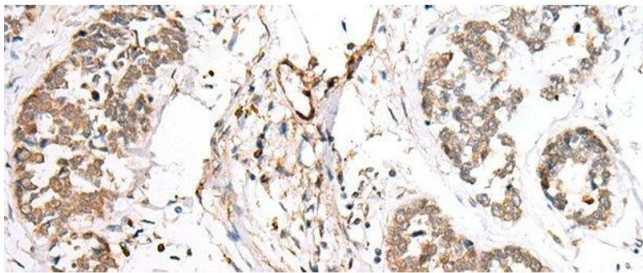
Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

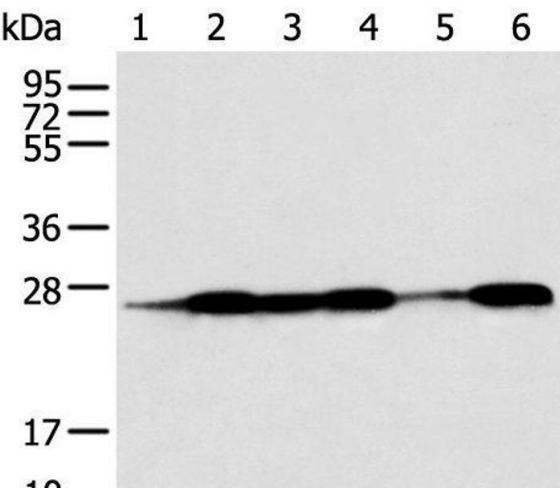
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



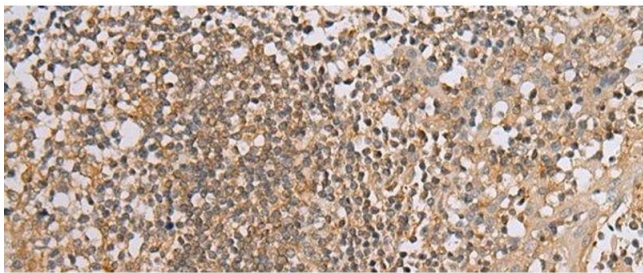
Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using BAG2 Polyclonal Antibody at dilution of 1:40(x200)



Western Blotting

**Image 2.** Western blot analysis of Human fetal muscle tissue HEPG2 Jurkat Hela A431 and A549 cell using BAG2 Polyclonal Antibody at dilution of 1:550



Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded Human tonsil tissue using BAG2 Polyclonal Antibody at dilution of 1:40(x200)