

Datasheet for ABIN7168871
anti-SQSTM1 antibody (AA 16-310)

4 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SQSTM1
Binding Specificity:	AA 16-310
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SQSTM1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Human Sequestosome-1 protein (16-310AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SQSTM1
Alternative Name:	SQSTM1 (SQSTM1 Products)
Background:	Background: Autophagy receptor that interacts directly with both the cargo to become degraded and an autophagy modifier of the MAP1 LC3 family. Required both for the formation

Target Details

and autophagic degradation of polyubiquitin-containing bodies, called ALIS (aggresome-like induced structures) and links ALIS to the autophagic machinery. Involved in midbody ring degradation. May regulate the activation of NFKB1 by TNF-alpha, nerve growth factor (NGF) and interleukin-1. May play a role in titin/TTN downstream signaling in muscle cells. May regulate signaling cascades through ubiquitination. Adapter that mediates the interaction between TRAF6 and CYLD (By similarity). May be involved in cell differentiation, apoptosis, immune response and regulation of K(+) channels.

Aliases: A170 antibody, DMRV antibody, EBI 3 associated protein of 60 kDa antibody, EBI 3 associated protein p60 antibody, EBI3 associated protein of 60 kDa antibody, EBI3 associated protein p60 antibody, EBI3-associated protein of 60 kDa antibody, EBIAP antibody, FTDALS3 antibody, MGC127197 antibody, ORCA antibody, OSF-6 antibody, Osi antibody, OSIL antibody, Oxidative stress induced like antibody, p60 antibody, p62 antibody, p62B antibody, Paget disease of bone 3 antibody, PDB 3 antibody, PDB3 antibody, Phosphotyrosine independent ligand for the Lck SH2 domain of 62 kDa antibody, Phosphotyrosine independent ligand for the Lck SH2 domain p62 antibody, Phosphotyrosine-independent ligand for the Lck SH2 domain of 62 kDa antibody, PKC-zeta-interacting protein antibody, Protein kinase C-zeta-interacting protein antibody, Sequestosome 1 antibody, Sequestosome-1 antibody, SQSTM 1 antibody, SQSTM_HUMAN antibody, Sqstm1 antibody, STAP antibody, STONE14 antibody, Ubiquitin binding protein p62 antibody, Ubiquitin-binding protein p62 antibody, ZIP 3 antibody, ZIP antibody, ZIP3 antibody

UniProt: [Q13501](#)

Pathways: [NF-kappaB Signaling](#), [Neurotrophin Signaling Pathway](#), [Autophagy](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:500, IP:1:200-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be

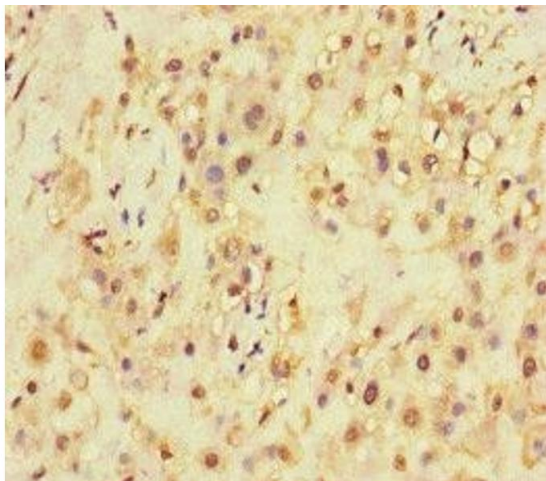
Handling

handled by trained staff only.

Storage: -20 °C, -80 °C

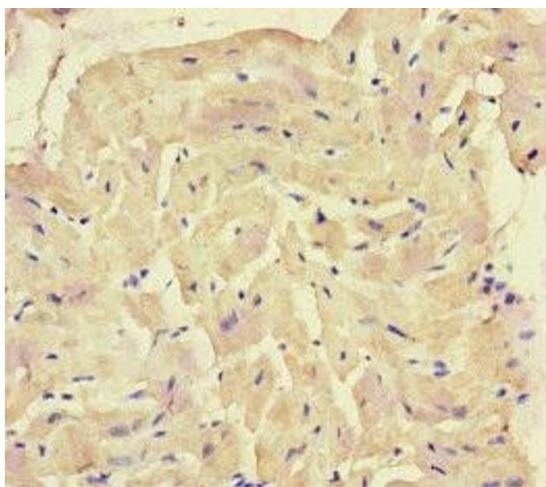
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



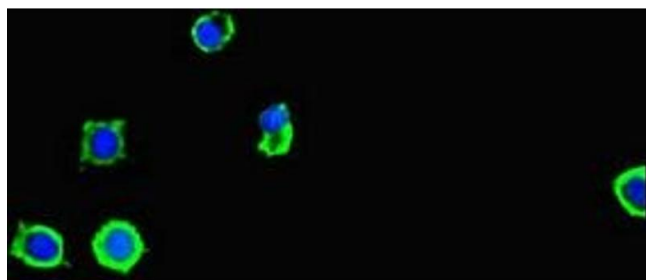
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7168871 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human heart tissue using ABIN7168871 at dilution of 1:100



Immunofluorescence

Image 3. Immunofluorescent analysis of MCF-7 cells using ABIN7168871 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Images

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7168871.