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Datasheet for ABIN2788981
anti-BAG5 antibody (C-Term)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	BAG5
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAG5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	LEKRKLFACE EHPHKAVWN VLGNLSEIQG EVLSFDGNRT DKNYIRLEEL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against BAG5. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	BAG5
Alternative Name:	BAG5 (BAG5 Products)
Background:	The protein encoded by this gene is a member of the BAG1-related protein family. BAG1 is an

Target Details

anti-apoptotic protein that functions through interactions with a variety of cell apoptosis and growth related proteins including BCL-2, Raf-protein kinase, steroid hormone receptors, growth factor receptors and members of the heat shock protein 70 kDa family. This protein contains a BAG domain near the C-terminus, which could bind and inhibit the chaperone activity of Hsc70/Hsp70. Three transcript variants encoding two different isoforms have been found for this gene.

Alias Symbols: BAG-5

Protein Interaction Partner: CCDC155, FAM118B, THAP1, BANP, MAD1L1, TP53, TRIM27, FAM96B, MAD2L1, DLG5, UBC, LATS2, SOX2, MMS19, CIRBP, LRRK2, CUL3, FBXO25, PARK2, HSPA4, SNCA, STUB1, OTUD4, UIMC1, BAG5,

Protein Size: 488

Molecular Weight: 56 kDa

Gene ID: 9529

NCBI Accession: [NM_001015049](#), [NP_001015049](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 488 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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 freeze-thaw cycles.

Storage: -20 °C

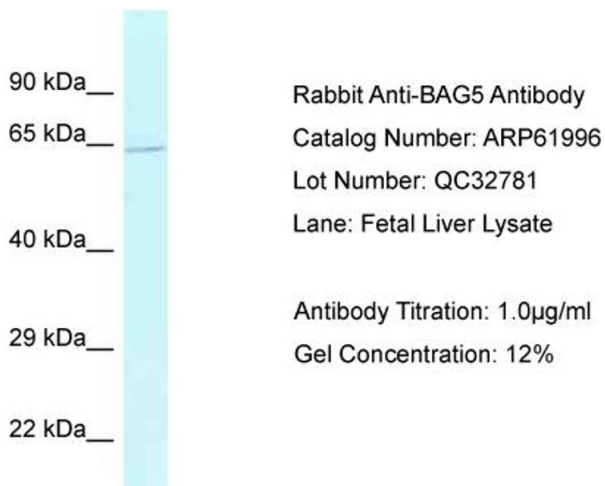
Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

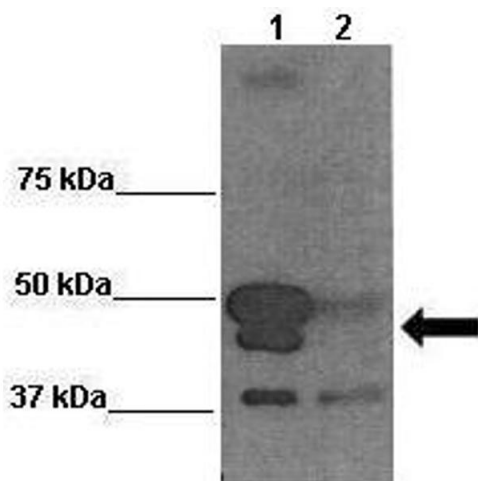
Product cited in: Wilhelmssen, Khakpour, Tran, Sheehan, Schumacher, Xu, Hellman: "The endocannabinoid/endovanilloid N-arachidonoyl dopamine (NADA) and synthetic cannabinoid WIN55,212-2 abate the inflammatory activation of human endothelial cells." in: **The Journal of biological chemistry**, Vol. 289, Issue 19, pp. 13079-100, (2014) ([PubMed](#)).

Images



Western Blotting

Image 1.



Western Blotting

Image 2. Sample Type: Lane 1: 241 µg siRUVBL1 transfected human Saos2 cells Lane 2: 041 µg untransfected human Saos2 cells

Primary Antibody Dilution: 1:0000

Secondary Antibody: Anti-rabbit-HRP

Secondary Antibody Dilution: 1:0000 Color/Signal Descriptions: BAG5

Gene Name: Wenwei Hu, Xuetian Yue, Rutgers Cancer Institute of New Jersey.

Submitted by: