

Product datasheet

Anti-VAPB antibody ab103638

★★★★★ [2 Abreviews](#) [2 References](#) [3 Images](#)

Overview

Product name	Anti-VAPB antibody
Description	Rabbit polyclonal to VAPB
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant full length protein within Human VAPB. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements.
Positive control	Mouse lung tissue lysate; HepG2 cell lysate; VAPB transfected 293T cell lysate
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Constituent: 100% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab103638 in the following tested applications.

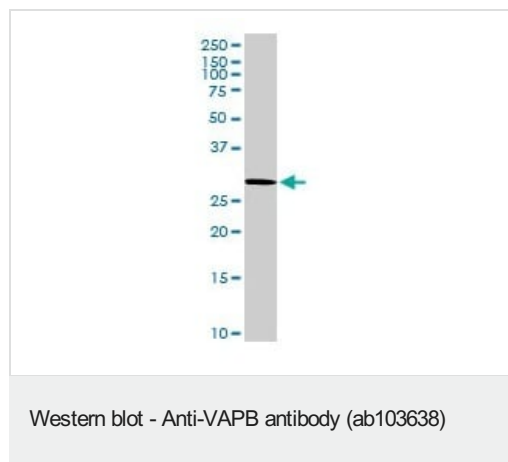
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (2)	1/500 - 1/1000. Predicted molecular weight: 27 kDa.

Target

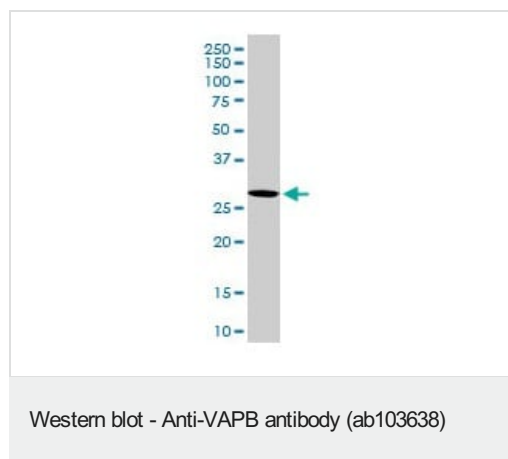
Function	Participates in the endoplasmic reticulum unfolded protein response (UPR) by inducing ERN1/IRE1 activity. Involved in cellular calcium homeostasis regulation.
Tissue specificity	Ubiquitous. Isoform 1 predominates.
Involvement in disease	Amyotrophic lateral sclerosis 8 Spinal muscular atrophy, proximal, adult, autosomal dominant
Sequence similarities	Belongs to the VAMP-associated protein (VAP) (TC 9.B.17) family. Contains 1 MSP domain.
Cellular localization	Endoplasmic reticulum membrane. Present in mitochondria-associated membranes that are endoplasmic reticulum membrane regions closely apposed to the outer mitochondrial membrane.

Images



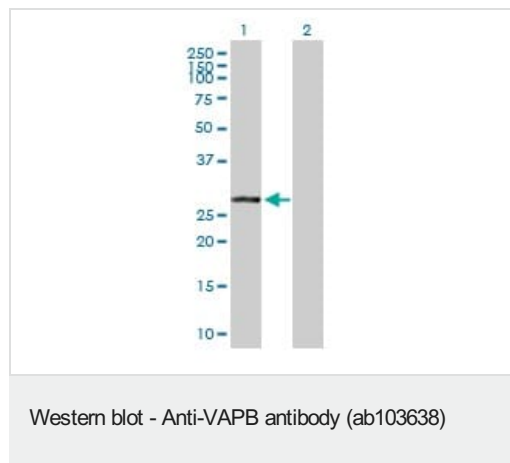
Anti-VAPB antibody (ab103638) at 1/500 dilution + Mouse lung tissue lysate at 50 µg

Predicted band size: 27 kDa



Anti-VAPB antibody (ab103638) at 1/500 dilution + HepG2 cell lysate at 50 µg

Predicted band size: 27 kDa



All lanes : Anti-VAPB antibody (ab103638) at 1/500 dilution

Lane 1 : VAPB transfected 293T cell line lysate

Lane 2 : Non-transfected 293T cell line lysate

Lysates/proteins at 25 µg per lane.

Predicted band size: 27 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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