abcam

Product datasheet

Anti-ATP6V0D2 antibody ab194557

3 Abreviews 2 References 2 Images

Overview

Product name	Anti-ATP6V0D2 antibody
Description	Mouse polyclonal to ATP6V0D2
Host species	Mouse
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human, Recombinant fragment **Predicted to work with:** Mouse, Rat
Immunogen	Recombinant fragment (GST-tag) corresponding to Human ATP6V0D2 aa 200 to the C-terminus. NP_689778 Database link: **Q8N8Y2** Run BLAST with Run BLAST with
Positive control	Y79 cell lysate; recombinant immunogen
General notes	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. 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

Properties

Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Constituent: 50% Glycerol (glycerin, glycerine)
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab194557 in the following tested applications.

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

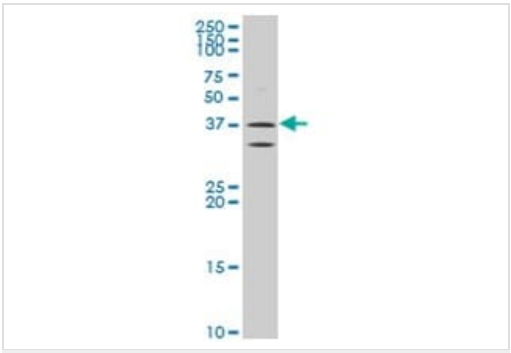
Application	Abreviews	Notes
WB	★★★★☆ **(3)**	1/500 - 1/2500. Predicted molecular weight: 40 kDa.

Target

Relevance Vacuolar ATPase (V ATPase) is a heteromultimeric enzyme composed of a peripheral catalytic V1 complex (components A to H) attached to an integral membrane V0 proton pore complex (components: a, c, c', c'' and d). It is responsible for acidifying a variety of intracellular organelles in eukaryotic cells. ATP6V0D2 is a component of the integral membrane V0 complex of vacuolar ATPase and may have a role in coupling of proton transport and ATP hydrolysis. ATP6V0D2 may be involved in regulation of osteoclast fusion and bone formation.

Cellular localization Apical plasma membrane

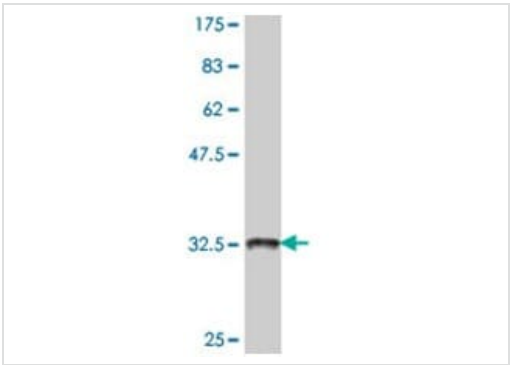
Images



Western blot - Anti-ATP6V0D2 antibody (ab194557)

Anti-ATP6V0D2 antibody (ab194557) at 1/500 dilution + Y79 cell lysate at 50 µg

Predicted band size: 40 kDa



Western blot - Anti-ATP6V0D2 antibody (ab194557)

Anti-ATP6V0D2 antibody (ab194557) at 1/1000 dilution + recombinant immunogen at 0.2 µg

Predicted band size: 40 kDa

Expected MW of immunogen is 33.7 kDa.

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors