

Datasheet: VPA00068KT

Description:	ABCC4 ANTIBODY WITH CONTROL LYSATE
Specificity:	ABCC4
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	2 Westerns

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	20µl Goat polyclonal antibody purified by affinity chromatography
Buffer Solution	TRIS buffered saline
Preservative	0.02% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin
Immunogen	Synthetic peptide with CNGQPSTLTIFETAL from the C terminus of the protein sequence.
External Database Links	<p>UniProt:</p> <p>O15439 Related reagents</p> <p>Entrez Gene:</p>

Synonyms	MRP4
-----------------	------

Specificity	<p>Goat anti Human ABCC4 antibody recognizes ABCC4 a 200 kDa protein and a member of the MRP family of transporters.</p> <p>The ABCC4 protein shows a broad pattern of expression having been detected in the kidneys, liver, erythrocytes, adrenal glands, platelets, brain, and pancreas. ABCC4 is present in the apical membrane as well as in the basolateral membrane and is capable of transporting a broad number of substrates, including bile salt conjugates, conjugated steroids, cyclic nucleotides, nucleoside analogs, eicosanoids, and cardiovascular drugs. Although ABCC4 is present in many human drug-resistant cancer cell lines, it remains to be determined if ABCC4 is associated with resistance to drugs in solid tumors (Borst et al. 2007).</p> <p>Goat anti Human ABCC4 antibody detects ABCC4 as a band of 200 kDa in a range of human cell line lysates.</p>
--------------------	---

Western Blotting	Goat anti ABCC4 detects a band of approximately 200 kDa in K562 cell lysates.
-------------------------	---

Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
-----------------------------	---

Lysate Composition	400µg K562 lysate lyophilized in RIPA buffer.
---------------------------	---

Lysate Reconstitution	<p>- If using DDT reconstitute the lyophilized lysate with 190µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT.</p> <p>- If using BME reconstitute the lyophilized lysate with 180µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 20µl BME.</p> <p>Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.</p>
------------------------------	--

Storage	<p>Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.</p> <p>Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.</p>
----------------	--

Guarantee	As supplied, 12 months from date of despatch.
------------------	---

Acknowledgements	PrecisionAb™ is a trademark of Bio-Rad Laboratories.
-------------------------	--

Health And Safety Information	<p>Material Safety Datasheet documentation #10058 #10561 available at: Antibody (10058): https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf Lysate Material (10561): https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf</p>
--------------------------------------	---

Regulatory	For research purposes only
-------------------	----------------------------

Related Products

Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [HRP](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

From March 15, 2021, we will no longer supply printed datasheets with our products.

Look out for updates on how to access your digital version at bio-rad-antibodies.com

'M351843:190318'

Printed on 09 Feb 2021

© 2021 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)