

Datasheet: VPA00484KT

Description:	SLC22A3 ANTIBODY WITH CONTROL LYSATE
Specificity:	SLC22A3
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

Species Cross Reactivity

Reacts with: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid.

Preparation

20µl Goat polyclonal antibody purified by affinity chromatography.

Buffer Solution

TRIS buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)
0.5% Bovine Serum Albumin.

Immunogen

Peptide sequence C-SNYSEITVTDEEVSN

External Database Links	UniProt: O75751 Related reagents
	Entrez Gene: 6581 SLC22A3 Related reagents
Synonyms	EMTH, OCT3
Specificity	<p>Goat anti Human SLC22A3 antibody recognizes the solute carrier family 22 member 3, also known as EMT organic cation transporter 3, extraneuronal monoamine transporter or organic cation transporter 3.</p> <p>Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. SLC22A3 is one of three similar cation transporter genes located in a cluster on chromosome 6. The encoded protein contains twelve putative transmembrane domains and is a integral plasma membrane protein (provided by RefSeq, Jul 2008).</p> <p>Goat anti Human SLC22A3 antibody detects a band of 53 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti SLC22A3 detects a band of approximately 53 kDa in HEK293 cell lysates.
Instructions For Use	Please refer to the PrecisionAb western blotting protocol .
Lysate Composition	400µg HEK293 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:</p> <p>Antibody (10058): https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf</p> <p>Lysate Material (10561): https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf</p>

Related Products

Recommended Secondary Antibodies

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

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