

Datasheet: VPA00742KT

Description:	SUGT1 ANTIBODY WITH CONTROL LYSATE
Specificity:	SUGT1
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 Rabbit polyclonal antibody purified by affinity chromatography on immunogen
Buffer Solution	TRIS buffered glycine
Preservative	0.01% Thiomersal
Stabilisers	<10% Glycerol
Immunogen	Recombinant protein encompassing part of the center region of human SUGT1
External Database Links	<p>UniProt: Q9Y2Z0 Related reagents</p> <p>Entrez Gene: 10910 SUGT1 Related reagents</p>

Specificity

Rabbit anti Human SUGT1 antibody recognizes suppressor of G2 allele of SKP1 homolog, also known as SGT1B protein or putative 40-6-3 protein.

SUGT1 is homologous to the yeast gene SGT1, which encodes a protein involved in kinetochore function and required for the G1/S and G2/M transitions. Complementation studies suggest that the

human protein has similar functions. Two transcript variants encoding different isoforms have been found for SUGT1 (provided by RefSeq, Aug 2008).

Rabbit anti Human SUGT1 homolog antibody detects a bands of 38 and 41 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti SUGT1 antibody recognizes bands of of approximately 38 and 41 kDa in Jurkat cell lysates
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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.
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Lysate Composition	400µg Jurkat lysate lyophilized in RIPA buffer
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Lysate Reconstitution	- If using DDT reconstitute the lyophilized lysate with 190µl DI H ₂ O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT. - If using BME reconstitute the lyophilized lysate with 180µl DI H ₂ O, add 200µl 2x Laemmli Sample Buffer and 20µl BME. 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.
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Storage	Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles. 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.
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Guarantee	As supplied, 12 months from date of despatch.
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Acknowledgements	PrecisionAb™ is a trademark of Bio-Rad Laboratories.
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Health And Safety Information	Material Safety Datasheet documentation #20357 #10561 available at: Antibody (20357): https://www.bio-rad-antibodies.com/uploads/MSDS/20357.pdf Lysate Material (10561): https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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'M338630:181217'

Printed on 16 Mar 2019