

Datasheet: VPA00552KT

Description:	RE1-SILENCING TRANSCRIPTION FACTOR ANTIBODY WITH CONTROL LYSATE
Specificity:	RE1-SILENCING TRANSCRIPTION FACTOR
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	<p>Reacts with: Mouse</p> <p>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.</p>
Product Form	Purified IgG - liquid.
Preparation	20µl Goat polyclonal antibody purified by affinity chromatography.
Buffer Solution	TRIS buffered saline.
Preservative Stabilisers	<p>0.09% Sodium Azide (NaN₃)</p> <p>0.5% Bovine Serum Albumin.</p>
Immunogen	Peptide sequence C-PETPGAEDKGKSSK

External Database Links	UniProt: Q13127 Related reagents
	Entrez Gene: 5978 REST Related reagents
Synonyms	NRSF, XBR
Specificity	<p>Goat anti Human RE1-silencing transcription factor antibody recognizes the RE1-silencing transcription factor also known as REST, neural-restrictive silencer factor or X2 box repressor.</p> <p>The REST gene encodes a transcriptional repressor that represses neuronal genes in non-neuronal tissues. It is a member of the Kruppel-type zinc finger transcription factor family. It represses transcription by binding a DNA sequence element called the neuron-restrictive silencer element. The protein is also found in undifferentiated neuronal progenitor cells and it is thought that this repressor may act as a master negative regular of neurogenesis. Alternatively spliced transcript variants have been described (provided by RefSeq, Jul 2010).</p> <p>Goat anti Human RE1-silencing transcription factor antibody detects a band of 121 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti RE1-silencing transcription factor detects a band of approximately 121 kDa in Raji cell lysates.
Instructions For Use	Please refer to the PrecisionAb western blotting protocol .
Lysate Composition	400µg Raji 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	Material Safety Datasheet documentation #10058 #10561 available at:

Information 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>

Regulatory For research purposes only.

Related Products

Recommended Secondary Antibodies

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

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'M351896:190318'

Printed on 10 Feb 2021

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