

Datasheet: VPA00092KT

Description:	MTA1L1 ANTIBODY WITH CONTROL LYSATE
Specificity:	MTA1L1
Other names:	MTA2
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, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	20µl Rabbit polyclonal antibody purified by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	A peptide corresponding to amino acids 652-688 of human MTA1L1.
External Database Links	<p>UniProt: O94776 Related reagents</p> <p>Entrez Gene: 9219 MTA2 Related reagents</p>

Synonyms	MTA1L1, PID
Specificity	<p>Rabbit anti Human MTA1L1 antibody recognizes human metastasis-associated protein 1-like 1 (MTA1L1), also known as MTA2, a subunit of the nucleosome remodelling and deacetylating complex (NURD) (Yao and Yang, 2003). MTA1L1 specifically interacts with p53 and reduces the levels of acetylated p53, represses p53-dependent transcriptional activation and modulates p53-mediated cell growth arrest and apoptosis (Luo et al. 2000).</p> <p>Rabbit anti Human MTA1L1 antibody detects metastasis-associated protein 1-like 1 as a band of 75 kDa in a wide range of human cell line lysates. Cross reactivity with rodent cell lines is also observed.</p>
Western Blotting	Rabbit anti MTA1L1 detects a band of approximately 75 kDa in Jurkat 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 Jurkat 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>
Shelf Life	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 #10040 #10561 available at:</p> <p>Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</p> <p>Lysate Material (10561): https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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