

Datasheet: VPA00416

Description:	RABBIT ANTI CBFA2T2
Specificity:	CBFA2T2
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

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

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. 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 dependent on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃).
Immunogen	KLH-conjugated synthetic peptide corresponding to aa 1-29 of human CBFA2T2
External Database Links	<p>UniProt: O43439 Related reagents</p> <p>Entrez Gene: 9139 CBFA2T2 Related reagents</p>

Synonyms	EHT, MTGR1
Specificity	<p>Rabbit anti Human CBFA2T2 antibody recognizes CBFA2T2, also known as core-binding factor runt domain alpha subunit 2 translocated to 2, ETO homolog on chromosome 20, MTG8-related protein 1 and myeloid translocation gene-related protein 1.</p> <p>In acute myeloid leukemia, especially in the M2 subtype, the t(8;21)(q22;q22) translocation is one of the most frequent karyotypic abnormalities. The translocation produces a chimeric gene made up of the 5'-region of the RUNX1 (AML1) gene fused to the 3'-region of the CBFA2T1 (MTG8) gene. The chimeric protein is thought to associate with the nuclear corepressor/histone deacetylase complex to block hematopoietic differentiation. The protein encoded by the CBFA2T2 gene binds to the AML1-MTG8 complex and may be important in promoting leukemogenesis. Several transcript variants are thought to exist for CBFA2T2, but the full-length natures of only three have been described (provided by RefSeq, Jul 2008).</p> <p>Rabbit anti Human CBFA2T2 antibody detects a band of 67 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti CBFA2T2 detects a band of approximately 67 kDa in HeLa cell lysate.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	12 months from date of despatch.
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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