Datasheet for ABIN1422242

anti-EDRF1 antibody (Cy7)

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Overview

Quantity:	100 µL
Target:	EDRF1 (C10orf137)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EDRF1 antibody is conjugated to Cy7
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EDRF1/C10orf137
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	EDRF1 (C10orf137)
Alternative Name:	EDRF1 (C10orf137 Products)
Background:	Synonyms: C10orf137 protein, Chromosome 10 open reading frame 137, EDRF1, Erythroid dferentiation related factor 1, EDRF1_HUMAN. Background: The tetratricopeptide repeat (TPR) motif is a degenerate, 34 amino acid sequence found in many proteins and acts to mediate protein-protein interactions in various pathways. At

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Target Details

	the sequence level, there can be up to 16 tandem TPR repeats, each of which has a helix-turn-helix shape that stacks on other TPR repeats to achieve ligand binding specificity. EDRF1 (erythroid differentiation-related factor 1), also known as C10orf137 (chromosome 10 open reading frame 137), is a 1,238 amino acid protein containing two TPR repeats. Localizing to nucleus, EDRF1 is involved in transcriptional activation of globin genes by regulating DNA-binding activity of GATA-1 transcription factor. EDRF1 may also play an important role in organ development and histological differentiation. EDRF1 exists as four alternatively spliced isoforms and is encoded by a gene mapping to human chromosome 10q26.13.
Gene ID:	26098

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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