antibodies

Datasheet for ABIN1422414 anti-FRA10AC1 antibody (Cy5)



Overview	
	100
Quantity:	100 µL
Target:	FRA10AC1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FRA10AC1 antibody is conjugated to Cy5
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))
Product Details	
Immunogen:	KLH conjugated synthetic peptide derived from human C10orf4/FRA10AC1
lsotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.
Target Details	
Target:	FRA10AC1
Alternative Name:	C10orf4 (FRA10AC1 Products)
Background:	Synonyms: Chromosome 10 open reading frame 4, F26C11.1 like, FRA10AC1, FRA10AC1

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protein, Fragile site 10q23.3, PRO2972, Protein FRA10AC1, Rare folic acid type fragile site

FRA10q23.3 candidate gene 1, F10C1_HUMAN.

Background: C10orf4, also known as FRA10A or FRA10AC1, is a 315 amino acid nuclear protein

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that is expressed strongly in kidney, liver, heart, brain and skeletal muscle. Defects in the gene encoding C10orf4 are characterized by an expansion of a polymorphic CGG repeat within the 5'-UTR of the gene, an event that is thought to cause folate-sensitive fragile site FRA10A expression. Expression of this mutated FRA10A protein may be associated with tumorigenesis, neurological disorders and mental retardation. C10orf4 is believed to be conserved between species. Five isoforms of C10orf4, all of which differ in their C-termini, are expressed due to alternative splicing events.

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