Datasheet for ABIN5009858

anti-Chromosome 12 Open Reading Frame 52 (C12orf52) (AA 51-150) antibody (Alexa Fluor 750)

Go to Product page

Overview

Quantity:	100 µL
Target:	Chromosome 12 Open Reading Frame 52 (C12orf52)
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Alexa Fluor 750
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RITA/C12orf52
Isotype:	IgG
Predicted Reactivity:	Human,Cow,Sheep
Purification:	Purified by Protein A.

Target Details

Target:	Chromosome 12 Open Reading Frame 52 (C12orf52)
Alternative Name:	RITA/C12orf52 (C12orf52 Products)
Background:	Synonyms: C12orf52, Chromosome 12 open reading frame 52, RBPJ-interacting and tubulin-

Target Details

	associated protein, RITA, RITA_HUMAN. Background: Encoding over 1,100 genes within 132 million bases, chromosome 12 makes up about 4.5 % of the human genome. A number of skeletal deformities are linked to chromosome 12 including hypochondrogenesis, achondrogenesis and Kniest dysplasia. Noonan syndrome, which includes heart and facial developmental defects among the primary symptoms, is caused by a mutant form of PTPN11 gene product, SH-PTP2. Chromosome 12 is also home to a homeobox gene cluster which encodes crucial transcription factors for morphogenesis, and the natural killer complex gene cluster encoding C-type lectin proteins which mediate the NK cell response to MHC I interaction. Trisomy 12p leads to facial development defects, seizure disorders and a host of other symptoms varying in severity depending on the extent of mosaicism and is most severe in cases of complete trisomy. The C12orf52 gene product has been provisionally designated C12orf52 pending further characterization.

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 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

