antibodies

Datasheet for ABIN1708491 anti-Chromosome 1 Open Reading Frame 190 (C1orf190) (AA 51-150) antibody (Cy7)



Overview

Quantity:	100 µL
Target:	Chromosome 1 Open Reading Frame 190 (C1orf190)
Binding Specificity:	AA 51-150
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Cy7
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C10RF190
lsotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Pig,Horse,Rabbit
Purification:	Purified by Protein A.
Target Details	
Target:	Chromosome 1 Open Reading Frame 190 (C1orf190)
Alternative Name:	C1orf190 (C1orf190 Products)

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Target Details		
Background:	Synonyms: FLJ25163, Hypothetical protein LOC541468, Uncharacterized protein C1orf190, LURA1_HUMAN.	
	Background: Chromosome 1 is the largest human chromosome spanning about 260 million	
	base pairs and making up 8 % of the human genome. There are about 3,000 genes on	
	chromosome 1, and considering the great number of genes there are also a large number of	
	diseases associated with chromosome 1. Notably, the rare aging disease Hutchinson-Gilford	
	progeria is associated with the LMNA gene which encodes lamin A. When defective, the LMNA	
	gene product can build up in the nucleus and cause characteristic nuclear blebs. The	
	mechanism of rapidly enhanced aging is unclear and is a topic of continuing exploration. The	
	MUTYH gene is located on chromosome 1 and is partially responsible for familial adenomatous	
	polyposis. Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also	
	associated with chromosome 1. A breakpoint has been identified in 1q which disrupts the	
	DISC1 gene and is linked to schizophrenia. Aberrations in chromosome 1 are found in a variety	
	of cancers including head and neck cancer, malignant melanoma and multiple myeloma. The	
	C1orf190 gene product has been provisionally designated C1orf190 pending further characterization.	
Gene ID:	541468	
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.	

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Handling	
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months