Datasheet for ABIN1696295

anti-C4orf46 antibody (AA 51-113) (AbBy Fluor® 555)

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Overview

Quantity:	100 µL
Target:	C4orf46
Binding Specificity:	AA 51-113
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C4orf46 antibody is conjugated to AbBy Fluor® 555
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C4orf46
Isotype:	IgG
Predicted Reactivity:	Human,Sheep
Purification:	Purified by Protein A.

Target Details

Target:	C4orf46
Alternative Name:	C4orf46 (C4orf46 Products)
Background:	Synonyms: C4orf46, CD046_HUMAN, Chromosome 4 open reading frame 46, hypothetical

Target Details

	protein LOC201725, Hypothetical protein LOC201725 2, Uncharacterized protein C4orf46. Background: Representing approximately 6 % of the human genome, chromosome 4 contains nearly 900 genes. Notably, the Huntingtin gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease, is on chromosome 4. FGFR-3 is also encoded on chromosome 4 and has been associated with thanatophoric dwarfism, achondroplasia, Muenke syndrome and bladder cancer. Chromosome 4 is also tied to Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease. Chromosome 4 reportedly contains the largest gene deserts (regions of the genome with no protein encoding genes) and has one of the two lowest recombination frequencies of the human chromosomes. The C4orf46 gene product has been provisionally designated C4orf46 pending further characterization.
Gene ID:	201725

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