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## Datasheet for ABIN1422606 anti-C1orf144 antibody (Cy5)



Overview	
Quantity:	100 μL
Target:	C1orf144
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C1orf144 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 C1orf144
lsotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.
Target Details	
Target:	C1orf144
Alternative Name:	C1orf144 (C1orf144 Products)
Background:	Synonyms: DKFZp566C0424, MGC70432, Putative MAPK-activating protein PM18/PM20/PM22, UPF0485 protein C1orf144, SZRD1_HUMAN, SUZ domain-containing protein 1. Background: Chromosome 1 is the largest human chromosome spanning about 260 million

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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
C1orf144 gene product has been provisionally designated C1orf144 pending further
characterization.

Gene ID:

26099

## Application Details

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