

Anti-C1orf101 antibody

Cat. No.	ml224331
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-C1orf101 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human C1orf101
Reactivity	Human
Content	1.1 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	C1orf101
Full name	chromosome 1 open reading frame 101
Synonyms	
Swissprot	Q5SY80

Target 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 C1orf101 gene product has been provisionally designated C1orf101 pending further characterization.

订购热线: 4008-898-798

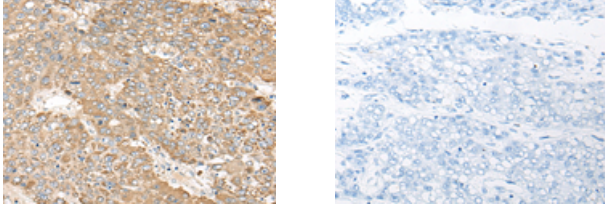
Applications

Immunohistochemistry

Predicted cell location: Cell membrane

Positive control: Human liver cancer

Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml224331(C1orf101 Antibody) at dilution 1/65, on the right is treated with fusion protein. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 5000-10000

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