

Anti-C12orf40 antibody

Cat. No.	ml124306
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-C12orf40 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human C12orf40
Reactivity	Human
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	C12orf40
Full name	chromosome 12 open reading frame 40
Synonyms	HEL-206; HEL-S-94
Swissprot	Q86WS4

Target 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 C12orf40 gene product has been provisionally designated C12orf40 pending further characterization.

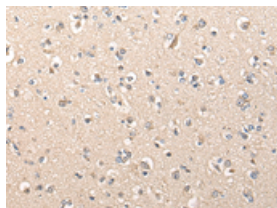
Applications

Immunohistochemistry

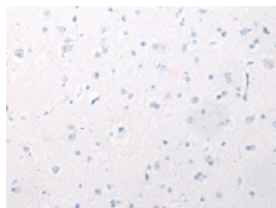
Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 25-100



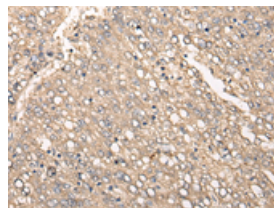
The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml124306(C12orf40 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification: $\times 200$)



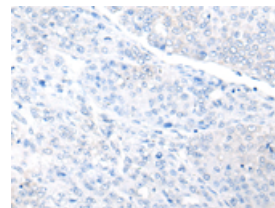
Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml124306(C12orf40 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification: $\times 200$)



ELISA

Recommended dilution: 5000-10000

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