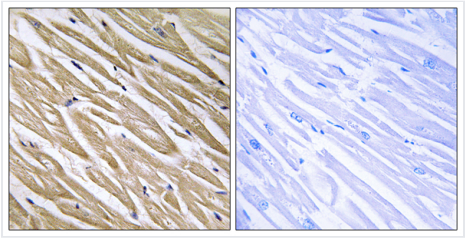
C5ORF13 Antibody

PRODUCT OVERVIEW

Product Name	C5orf13, Antibody
Full Product Name	C5orf13 Antibody
Product Gene Name	anti-C5orf13 antibody
Product Synonym Names	Neuronal protein 3.1; Protein p311
Species Reactivity	Human, Mouse, Rat
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Specificity	C5orf13 antibody detects endogenous levels of total C5orf13 protein.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	13,081 Da
OMIM	607332
3D Structure	ModBase 3D Structure for Q16612
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human C5orf13.
Product Categories/Family for anti-C5orf13 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-C5orf13 antibody	Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-C5orf13 antibody	IHC: 1:50-1:100 ELISA: 1:40000
Related Product Information for anti-C5orf13 antibody	MBS854576 is an antibody targeting C5orf13. Also known as C5orf13 Antibody. Reactive in Human, Mouse, Rat.
Product References and Citations for anti-C5orf13 antibody	Tsui S.K.W., Submitted (APR-1996) to the EMBL/GenBank/DDBJ databases. Studler J.-M.; Submitted (JUN-1995) to the EMBL/GenBank/DDBJ databases. The MGC Project Team; Genome Res. 14:2121-2127(2004).
Other Notes	Small volumes of anti-C5orf13 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC) of anti-C5orf13 antibody
Peptide-+ Immunohistochemistry analysis of paraffin-embedded human heart tissue using C5orf13 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for C5orf13. It may not necessarily be applicable to this product.

NCBI GI #	215599670
NCBI GeneID	9315
NCBI Accession #	NP_001135947.1
UniProt Primary Accession #	Q16612
UniProt Secondary Accession #	B2RDN8; B7Z5D2; D3DSZ8
UniProt Related Accession #	Q16612
GenBank Nucleotide #	NM_001142475.1
NCBI Official Full Name	neuronal regeneration-related protein isoform c
NCBI Official Synonym Full Names	neuronal regeneration related protein
NCBI Official Symbol	NREP
NCBI Official Synonym Symbols	P311; PTZ17; SEZ17; D4S114; C5orf13; PRO1873
UniProt Protein Name	Neuronal regeneration-related protein
UniProt Synonym Protein Names	Neuronal protein 3.1; Protein p311
UniProt Gene Name	NREP
UniProt Synonym Gene Names	C5orf13; P311
NCBI Protein Information	neuronal regeneration-related protein
UniProt Comments for C5orf13	May have roles in neural function. Ectopic expression augments motility of gliomas. Promotes also axonal regeneration (). May also have functions in cellular differentiation (). Induces differentiation of fibroblast into myofibroblast and myofibroblast ameboid migration. Increases retinoic-acid regulation of lipid-droplet biogenesis (). Down-regulates the expression of TGFB1 and TGFB2 but not of TGFB3 (). May play a role in the regulation of alveolar generation.
Research Articles on C5orf13	**1.** P311 is a novel TGFbeta1/Smad signaling-mediated regulator of transdifferentiation in epidermal stem cells during cutaneous wound healing.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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