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Datasheet for ABIN717416 **anti-C14orf166 antibody (AA 151-244)**

Overview

Quantity:	100 µL
Target:	C14orf166
Binding Specificity:	AA 151-244
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C14orf166 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RLLM1/C14orf166
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	C14orf166
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Target Details

Alternative Name: RLLM1 ([C14orf166 Products](#))

Background: Synonyms: CGI 99, CGI99, CLE, Homeobox prox 1, RLLM1, Chromosome 14 open reading frame 166, CLE7, LCRP369, RLL mot containing 1, CN166_HUMAN.

Background: CGI-99 is a 244 amino acid protein that localizes to the nucleus, as well as to the cytoplasm, and belongs to the UPF0568 family. Expressed in a variety of tissues with particularly high levels in heart and skeletal muscle, CGI-99 functions as a homodimer that interacts with Ninein and is thought to regulate Ninein function. CGI-99 is overexpressed in brain tumor tissue, suggesting a role in tumor development and metastasis. The gene encoding CGI-99 maps to human chromosome 14, which houses over 700 genes and comprises nearly 3.5 % of the human genome. Chromosome 14 encodes the presenilin 1 (PSEN1) gene, which is one of the three key genes associated with the development of Alzheimer's disease (AD). The SERPINA1 gene is also located on chromosome 14 and, when defective, leads to the genetic disorder α -antitrypsin deficiency, which is characterized by severe lung complications and liver dysfunction.

Gene ID: 51637

Application Details

Application Notes: ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
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 μ g/ μ L

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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.

Handling

Storage:	4 °C,-20 °C
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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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Expiry Date:	12 months
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