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Datasheet for ABIN5008702

anti-PET112L antibody (AA 101-200) (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	PET112L (PET112)
Binding Specificity:	AA 101-200
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PET112L antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PET112L
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow
Purification:	Purified by Protein A.

Target Details

Target:	PET112L (PET112)
Alternative Name:	PET112L (PET112 Products)

Target Details

Background:	<p>Synonyms: Cytochrome oxidase assembly factor PET112 homolog, GATB_HUMAN, GLU-ADT subunit B, HSPC199, mitochondrial, PET112, PET112 homolog yeast, PET112-like, Probable glutamyl-tRNA^{Gln} amidotransferase subunit B.</p> <p>Background: PET112L is the human homolog of the <i>S. cerevisiae</i> COX assembly protein <i>pet112</i>, a protein that is believed to play an important role in the translation of mitochondrial genes. PET112L, also known as HSPC199 or Glu-ADT subunit B (glutamyl-tRNA(Gln) amidotransferase subunit B), is a 557 amino acid protein belonging to the <i>gatB/gatE</i> family of proteins (<i>GatB</i> subfamily) and is believed to play a role in energy metabolism. Localizing to mitochondria, PET112L is expressed in tissues such as heart and muscle, which exhibit high rates of oxidative phosphorylation. The gene encoding PET112L is overexpressed in recurrent ependymoma.</p>
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Application Details

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

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