



## Anti-PET112 (aa 466-556) polyclonal antibody (DPAB-DC2215)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	PET112 (PET112 homolog (yeast)) is a protein-coding gene. Diseases associated with PET112 include pneumonia, and tuberculosis. GO annotations related to this gene include glutaminyl-tRNA synthase (glutamine-hydrolyzing) activity and translation factor activity, nucleic acid binding.
<b>Immunogen</b>	PET112L (NP_004555, 466 a.a. ~ 556 a.a) partial recombinant protein with GST tag. The sequence is SAAKQVFEELWKREGKTPGQIVSEKQLELMQDQGALEQLCHSVMEAHPQVMDVKRNPR AINKLIGLVRKATQSRADPVMIKEILEKKL
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">PET112 PET112 homolog (yeast) [ Homo sapiens (human) ]</a>
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<b>Official Symbol</b>	PET112
<b>Synonyms</b>	PET112; PET112 homolog (yeast); HSPC199; PET112L; glutamyl-tRNA(Gln) amidotransferase subunit B, mitochondrial; glu-ADT subunit B; cytochrome oxidase assembly factor PET112 homolog; cytochrome c oxidase assembly factor PET112 homolog;
<b>Entrez Gene ID</b>	<a href="#">5188</a>
<b>Protein Refseq</b>	<a href="#">NP_004555</a>
<b>UniProt ID</b>	<a href="#">Q75879</a>
<b>Chromosome Location</b>	4q31.3
<b>Pathway</b>	Aminoacyl-tRNA biosynthesis.
<b>Function</b>	ATP binding; glutamyl-tRNA synthase (glutamine-hydrolyzing) activity; translation factor activity, nucleic acid binding;

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