

WARS2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide directed towards the middle region of human WARS2
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS with 2% sucrose
Contains	0.09% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2576729

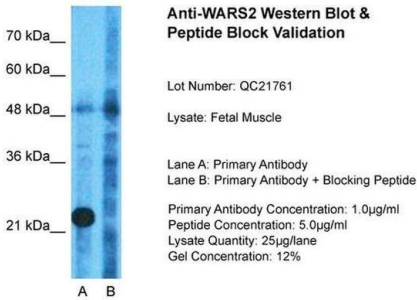
Applications	Tested Dilution	Publications
Western Blot (WB)	0.2-1 µg/mL	2 Publications

Product Specific Information

Peptide sequence: TTKQKHDGTV GLLTYPVLQA ADILLYKSTH VPVGEDQVQH MELVQDLAQQ

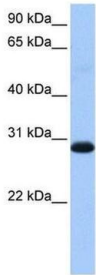
Sequence homology: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 93%; Zebrafish: 93%

Product Images For WARS2 Polyclonal Antibody



WARS2 Antibody (PA5-43808) in WB

Western blot analysis of human fetal muscle cell lysate using an anti-WARS2 polyclonal antibody (Product # PA5-43808). Lane 1) Primary Antibody; Lane 2) Primary Antibody + Blocking Peptide.



WARS2 Antibody (PA5-43808) in WB

Western blot analysis of human muscle cells using an anti-WARS2 polyclonal antibody (Product # PA5-43808).

2 References

Western Blot (2)

<p>Genes</p> <p>The Expanding Phenotypical Spectrum of <i>WARS2</i>-Related Disorder: Four Novel Cases with a Common Recurrent Variant.</p> <p>"PA5-43808 was used in Western Blotting to investigate the mitochondrial function in patients and found increased levels of mitochondrially encoded cytochrome C Oxidase II as part of the mitochondrial respiratory chain as well as decreased mitochondrial integrity and branching."</p> <p>Authors: Pauly MG,Korenke GC,Diaw SH,Grözinger A,Cazurro-Gutiérrez A,Pérez-Dueñas B,González V,Macaya A, Serrano Antón AT,Peterlin B,Božovi IB,Maver A,Münchau A,Lohmann K</p>	<p>Year</p> <p>2023</p> <p>Species</p> <p>Human</p> <p>Dilution</p> <p>1:1,000</p>
<p>Human mutation</p> <p>Biallelic variants in <i>WARS2</i> encoding mitochondrial tryptophanyl-tRNA synthase in six individuals with mitochondrial encephalopathy.</p> <p>"Published figure using WARS2 polyclonal antibody (Product # PA5-43808) in Western Blot"</p> <p>Authors: Wortmann SB,Timal S,Venselaar H,Wintjes LT,Kopajtich R,Feichtinger RG,Onnekink C,Mühlmeister M,Brandt U,Smeitink JA,Veltman JA,Sperl W,Lefeber D,Pruijn G,Stojanovic V,Freisinger P,V Spronsen F,Derks TG,Veenstra-Knol HE,Mayr JA,Rötig A,Tarnopolsky M,Prokisch H,Rodenburg RJ</p>	<p>Year</p> <p>2017</p>

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