

SARS2 Polyclonal Antibody

Catalog NumberPA5-14985

Product data sheet

Details		Species Reactivity	
Size	400 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:50
Type	Antibody	Western Blot (WB)	1:1,000
Immunogen	KLH conjugated synthetic peptide between 315-344 amino acids from the central region of human SARS2	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	Lot-specific		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

**Background/Target Information**

This gene encodes the mitochondrial seryl-tRNA synthetase precursor, a member of the class II tRNA synthetase family. The mature enzyme catalyzes the ligation of Serine to tRNA(Ser) and participates in the biosynthesis of selenocysteinyl-tRNA(sec) in mitochondria. The enzyme contains an N-terminal tRNA binding domain and a core catalytic domain. It functions in a homodimeric form, which is stabilized by tRNA binding. This gene is regulated by a bidirectional promoter that also controls the expression of mitochondrial ribosomal protein S12. Both genes are within the critical interval for the autosomal dominant deafness locus DFNA4 and might be linked to this disease. Multiple transcript variants encoding different isoforms have been identified for this gene.

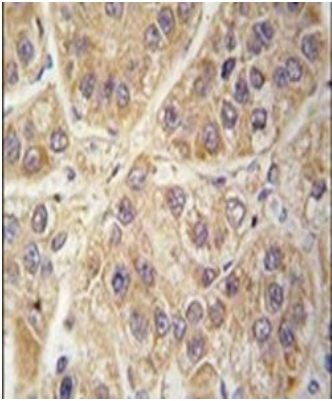
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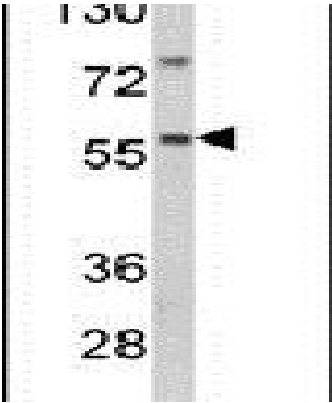
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Product Images For SARS2 Polyclonal Antibody



**SARS2 Antibody (PA5-14985) in IHC**  
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human hepatocarcinoma tissue using a SARS2 polyclonal antibody (Product # PA5-14985), followed by HRP-conjugated secondary antibody and DAB staining.



**SARS2 Antibody (PA5-14985) in WB**  
Western blot analysis using a SARS2 polyclonal antibody (Product # PA5-14985) in HeLa cell lysates (35 µg per lane).

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