

GLS2 Polyclonal Antibody

Catalog NumberPA5-24595

Product data sheet

Details		Species Reactivity	
Size	400 µL	Species reactivity	Human, Mouse
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 498-524 amino acids from the C-terminal region of human GLS2	* 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	0.5 mg/mL		
Purification	Protein A, Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.09% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with rat based on sequence homology.

Background/Target Information

The protein encoded by this gene is a mitochondrial phosphate-activated glutaminase that catalyzes the hydrolysis of glutamine to stoichiometric amounts of glutamate and ammonia. This protein is functionally similar to the kidney glutaminase but is a little smaller in size. Originally thought to be liver-specific, this protein has been found in other tissues as well. At least one transcribed pseudogene has been found for this gene.

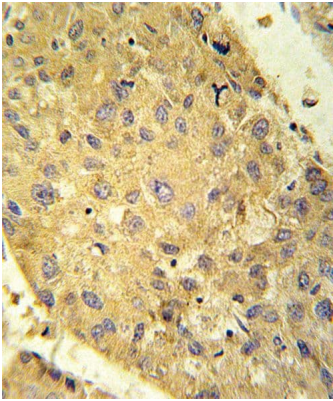
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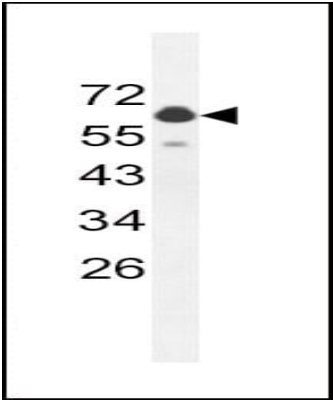
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Product Images For GLS2 Polyclonal Antibody



GLS2 Antibody (PA5-24595) in IHC (P)

Immunohistochemistry analysis in formalin-fixed, paraffin-embedded human hepatocarcinoma using a GLS2 polyclonal antibody (Product # PA5-24595), followed by HRP-conjugated secondary antibody and DAB staining.



GLS2 Antibody (PA5-24595) in WB

Western blot analysis using a GLS2 polyclonal antibody (Product # PA5-24595) in mouse brain tissue lysates (35 µg per lane).

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