

MOX1 Polyclonal Antibody

Catalog NumberPA5-21037

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Published species	Mouse
Class	Polyclonal	Tested Applications	Dilution *
Type	Antibody	Immunohistochemistry (IHC)	10 µg/mL
Immunogen	A 19 amino acid peptide near the center of human MOX1.	Western Blot (WB)	1-2 µg/mL
Conjugate	Unconjugated	Immunocytochemistry (ICC/IF)	10 µg/mL
Form	Liquid	Published Applications	
Concentration	1 mg/mL	Immunohistochemistry (IHC)	See 1 publications below
Purification	Antigen affinity chromatography	* 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.	
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A suggested positive control is human liver tissue lysate. PA5-21037 can be used with blocking peptide PEP-1151.

Background/Target Information

MEOX1 belongs to a family of nonclustered, diverged homeobox genes. It may play a role in regulating growth and differentiation.

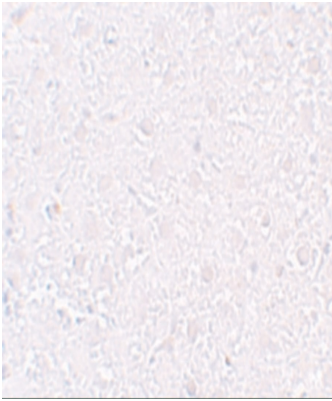
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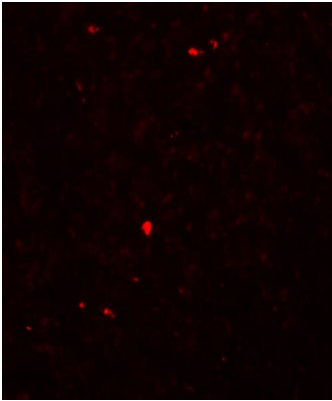
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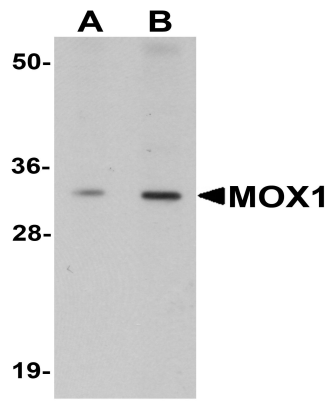
Product Images For MOX1 Polyclonal Antibody



MOX1 Antibody (PA5-21037) in IHC
Immunohistochemistry of MOX1 in rat liver tissue with MOX1 Polyclonal Antibody (Product # PA5-21037) at 10 µg/mL.



MOX1 Antibody (PA5-21037) in IHC
Immunofluorescence of MOX1 in rat liver tissue with MOX1 Polyclonal Antibody (Product # PA5-21037) at 20 µg/mL.



MOX1 Antibody (PA5-21037) in WB
Western Blot analysis of MOX1 in human liver tissue lysate with MOX1 Polyclonal Antibody (Product # PA5-21037) at (A) 1 and (B) 2 µg/mL.

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PubMed References For MOX1 Polyclonal Antibody

1 Immunohistochemistry References

Species / Dilution	Summary
Mouse / 1:500	PA5-21037 was used in Immunohistochemistry to investigate the impact of 5-hydroxytryptamine (5-HT) on the expression of NOXs in dextran sulfate sodium (DSS)-induced colitis in mice.
	Journal of cellular biochemistry (2019; 120: 9230)
	"5-Hydroxytryptamine (5-HT)-exacerbated DSS-induced colitis is associated with elevated NADPH oxidase expression in the colon."
	Author(s):Dong S,Chen M,Dai F,Xuan Q,Chen P,Feng D,Gao L,Zhu C,Chang Y,Chu FF,Gao Q PubMed Article URL: http://dx.doi.org/10.1002/jcb.28198

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