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anti-alpha 1 Adrenergic Receptor antibody (AA 330-466)





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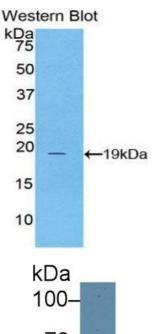
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Overview			
Quantity:	100 μL		
Target:	alpha 1 Adrenergic Receptor (ADRA1A)		
Binding Specificity:	AA 330-466		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This alpha 1 Adrenergic Receptor antibody is un-conjugated		
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)		
Product Details			
Immunogen:	ADRa1A (Ser330-Val466)		
Isotype:	IgG		
Specificity:	The antibody is a rabbit polyclonal antibody raised against ADRa1A. It has been selected for its ability to recognize ADRa1A in immunohistochemical staining and western blotting.		
Purification:	Antigen-specific affinity chromatography		
Target Details			
Target:	alpha 1 Adrenergic Receptor (ADRA1A)		
Alternative Name:	Adrenergic Receptor Alpha 1A (ADRa1A) (ADRA1A Products)		
Background:	Alternative Names: ADR-A1A, ADRA1-A, ADRA1C, ADRA1L1, Alpha1AAR, Alpha 1a-Adrenoceptor		

Target Details		
Pathways:	AMPK Signaling	
Application Details		
Application Notes:	 Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 Optimal working dilutions must be determined by end user. 	
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration	
	date under appropriate storage condition.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.	
Preservative:	Sodium azide	
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	4 °C	
Storage Comment:	Store at 2-8 °C for one month. Aliquot and store at -80 °C for 12 months.	

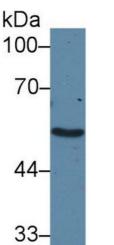
12 months

Expiry Date:



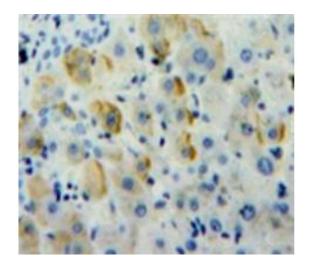
Western Blotting

Image 1.



Western Blotting

Image 2. Western Blot; Sample: Human Liver lysate; Primary
Ab: 2μg/ml Rabbit Anti-Human ADRa1A Antibody Second
Ab: 0.2μg/mL HRP-Linked Caprine Anti-Rabbit lgG
Polyclonal Antibody (Catalog: SAA544Rb19)



Immunohistochemistry

Image 3. Used in DAB staining on fromalin fixed paraffinembedded Liver tissue