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Datasheet for ABIN7443914 anti-Cortactin antibody (AA 1-509)

3 Images



Overview

Quantity:	100 μL	
Target:	Cortactin (CTTN)	
Binding Specificity:	AA 1-509	
Reactivity:	Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Cortactin antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)	

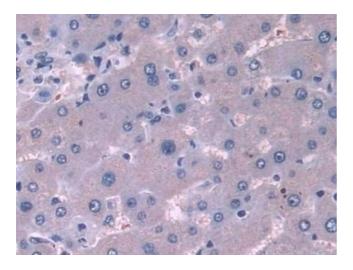
Product Details

Purpose:	Polyclonal Antibody to Cortactin (CTTN)	
Immunogen:	Recombinant Cortactin (CTTN) corresdonding to Met1~Gln509 with N-terminal His Tag	
Isotype:	IgG	
Specificity:	The antibody is a rabbit polyclonal antibody raised against CTTN. It has been selected for its ability to recognize CTTN in immunohistochemical staining and western blotting.	
Cross-Reactivity:	Rat	
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography	

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Target Details		
Target:	Cortactin (CTTN)	
Alternative Name:	Cortactin (CTTN Products)	
Background:	EMS1, Cortical Actin binding Protein, Src substrate cortactin, Amplaxin, Oncogene EMS1	
Pathways:	MAPK Signaling	
Application Details		
Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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	
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.	
Expiry Date:	24 months	

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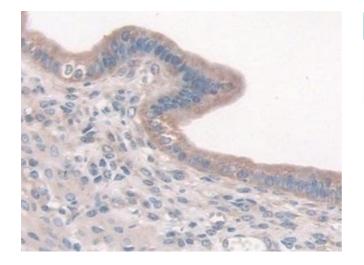
kDa 70	-	←75kDa
44		
33 26 22		
18		
14		
10		

Immunohistochemistry

Image 1. Detection of CTTN in Mouse Liver Tissue using Polyclonal Antibody to Cortactin (CTTN)

Western Blotting

Image 2. Detection of Recombinant CTTN, Mouse using Polyclonal Antibody to Cortactin (CTTN)



Immunohistochemistry

Image 3. Detection of CTTN in Mouse Uterus Tissue using Polyclonal Antibody to Cortactin (CTTN)

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