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## Datasheet for ABIN7437419 anti-Cytokeratin 1 antibody (AA 189-497)

3 Images



Overview

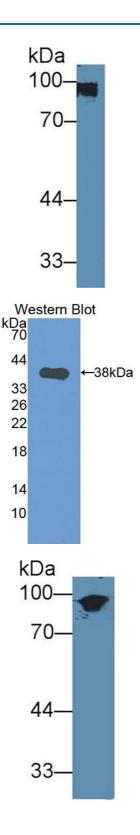
Quantity:	100 µL				
Target:	Cytokeratin 1 (KRT1)				
Binding Specificity:	AA 189-497				
Reactivity:	Mouse				
Host:	Rabbit				
Clonality:	Polyclonal				
Conjugate:	This Cytokeratin 1 antibody is un-conjugated				
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)				

## Product Details

Purpose:	Polyclonal Antibody to Cytokeratin 1 (CK1)
Immunogen:	Recombinant Cytokeratin 1 (CK1) corresdonding to Arg189~Glu497 with N-terminal His Tag
Isotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CK1. It has been selected for its ability to recognize CK1 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:	Cytokeratin 1 (KRT1)						
Alternative Name:	Cytokeratin 1 (KRT1 Products)						
Background:	KRT1, EHK1, K1, KRT1A, KRT1-A, Keratin 1, Epidermolytic Hyperkeratosis, Keratin, type II						
	cytoskeletal 1, 67 kDa cytokeratin, Type-II keratin Kb1						
Application Details							
Application Notes:	Western blotting: 0.5-2 µg/mL						
	1:500-2000 Immunohistochemistry: 5-20 µg/mL						
	1:50-200 Immunocytochemistry: 5-20 µg/mL						
	1:50-200 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 $37^\circ C$ 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						



## Western Blotting

**Image 1.** Detection of CK1 in Rat Skin lysate using Polyclonal Antibody to Cytokeratin 1 (CK1)

## Western Blotting

**Image 2.** Detection of Recombinant CK1, Mouse using Polyclonal Antibody to Cytokeratin 1 (CK1)

Western Blotting									
Image	3.	Detection	of	CK1	in	Mouse	Skin	lysate	using

Polyclonal Antibody to Cytokeratin 1 (CK1)

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