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Datasheet for ABIN7431881

## anti-Cytokeratin 1 antibody (AA 487-644)

### 4 Images

#### Overview

Quantity:	100 µL
Target:	Cytokeratin 1 (KRT1)
Binding Specificity:	AA 487-644
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytokeratin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

#### Product Details

Purpose:	Polyclonal Antibody to Cytokeratin 1 (CK1)
Immunogen:	Recombinant Cytokeratin 1 (CK1) corresponding to Glu487~Arg644 with N-terminal His Tag
Isotype:	IgG
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:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

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Target:	Cytokeratin 1 (KRT1)
Alternative Name:	Cytokeratin 1 ( <a href="#">KRT1 Products</a> )
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

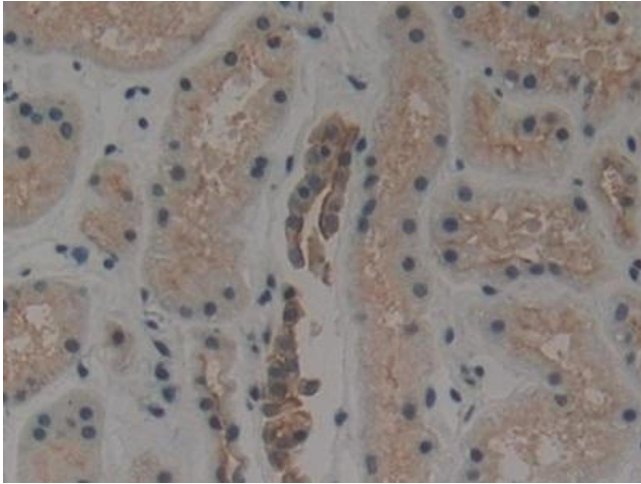
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Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate 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

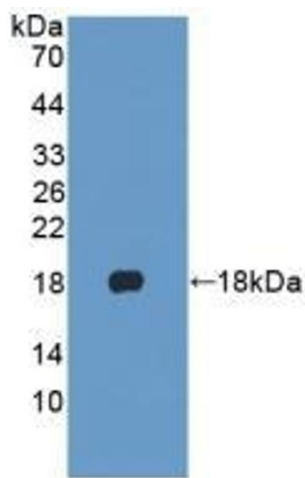
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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	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



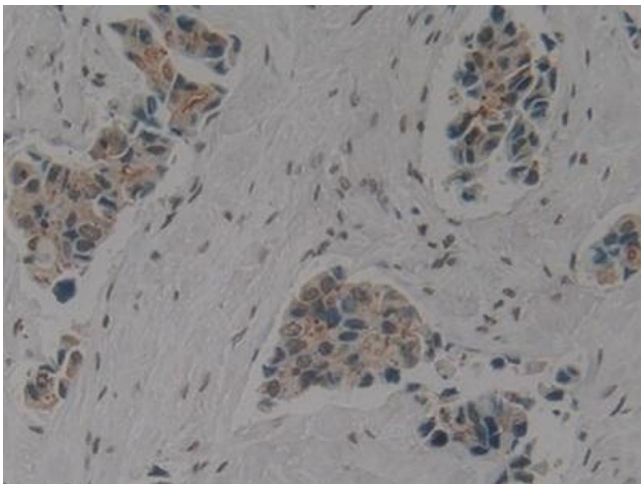
#### Immunohistochemistry

**Image 1.** Detection of CK1 in Human Kidney Tissue using Polyclonal Antibody to Cytokeratin 1 (CK1)



#### Western Blotting

**Image 2.** Detection of Recombinant KRT1, Human using Polyclonal Antibody to Cytokeratin 1 (CK1)



#### Immunohistochemistry

**Image 3.** Detection of CK1 in Human Breast cancer Tissue using Polyclonal Antibody to Cytokeratin 1 (CK1)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7431881.