

Datasheet for ABIN7436876

**anti-Cytokeratin 5 antibody (AA 163-471)**

3 Images

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## Overview

Quantity:	100 µL
Target:	Cytokeratin 5 (KRT5)
Binding Specificity:	AA 163-471
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytokeratin 5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Cytokeratin 5 (CK5)
Immunogen:	Recombinant Cytokeratin 5 (CK5) corresponding to Arg163~Glu471 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CK5. It has been selected for its ability to recognize CK5 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

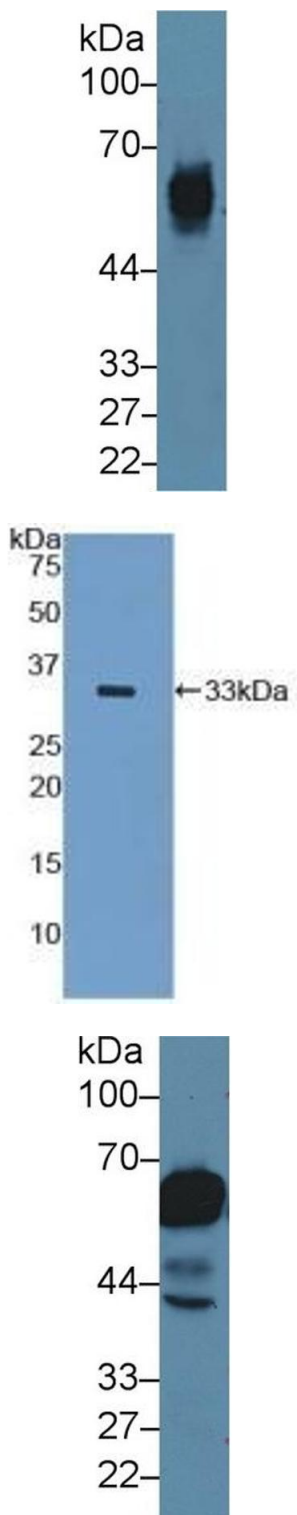
Target:	Cytokeratin 5 (KRT5)
Alternative Name:	Cytokeratin 5 ( <a href="#">KRT5 Products</a> )
Background:	KRT5, DDD, EBS2, K5, KRT5A, KRT5-A, Keratin 5, 58 kDa cytokeratin, Type-II keratin Kb5, Epidermolysis Bullosa Simplex Dowling-Meara/Kobner/Weber-Cockayne Types

## 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



**Western Blotting**

**Image 1.** Detection of CK5 in Mouse Skin lysate using Polyclonal Antibody to Cytokeratin 5 (CK5)

**Western Blotting**

**Image 2.** Detection of Recombinant KRT5, Mouse using Polyclonal Antibody to Cytokeratin 5 (CK5)

**Western Blotting**

**Image 3.** Detection of CK5 in Rat Tongue lysate using Polyclonal Antibody to Cytokeratin 5 (CK5)