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Datasheet for ABIN7444004  
**anti-KERA antibody (AA 21-292)**

1 Image

### Overview

Quantity:	100 µL
Target:	KERA
Binding Specificity:	AA 21-292
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KERA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### Product Details

Purpose:	Polyclonal Antibody to Keratocan (KERA)
Immunogen:	Recombinant Keratocan (KERA) corresponding to Arg21~Asn292
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against KERA. It has been selected for its ability to recognize KERA in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

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Target:	KERA
Alternative Name:	Keratocan ( <a href="#">KERA Products</a> )
Background:	CNA2, SLRR2B, Keratocan Proteoglycan, Keratan sulfate proteoglycan keratocan
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

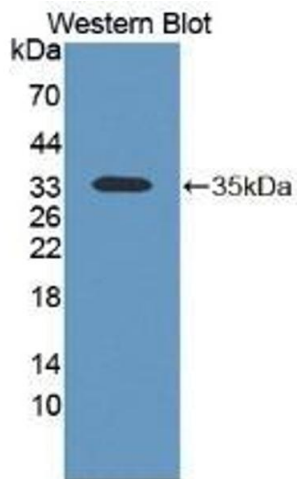
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Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 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:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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 recombinant KERA using Polyclonal Antibody to Keratocan (KERA)