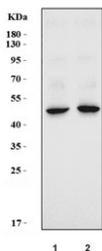


## Kera Antibody / Keratocan / Ktcn (RQ7006)

Catalog No.	Formulation	Size
RQ7006	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	O35367
<b>Applications</b>	Western Blot : 0.5-1 ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Kera antibody is available for research use only.



Western blot testing of 1) rat eye and 2) mouse eye lysate with Kera antibody. Predicted molecular weight ~41 kDa.

## Description

Keratocan (KTN) also known as keratan sulfate proteoglycan keratocan, is a protein that in humans is encoded by the KERA gene. The protein encoded by this gene is a keratan sulfate proteoglycan that is involved in corneal transparency. Defects in this gene are a cause of autosomal recessive cornea plana 2 (CNA2).

## Application Notes

Optimal dilution of the Kera antibody should be determined by the researcher.

## **Immunogen**

Recombinant mouse protein (amino acids R73-K115) was used as the immunogen for the Kera antibody.

## **Storage**

After reconstitution, the Kera antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.