

# Product datasheet

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# ARG59334 anti-Keratocan antibody

Package: 50 μg Store at: -20°C

#### **Summary**

Product Description Rabbit Polyclonal antibody recognizes Keratocan

Tested Reactivity Hu, Ms

Predict Reactivity Bov

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name Keratocan
Species Human

Immunogen Synthetic peptide corresponding to aa. 77-109 of Human Keratocan.

(YLQNNLIETIPEKPFENATQLRWINLNKNKITN)

Conjugation Un-conjugated

Alternate Names Keratan sulfate proteoglycan keratocan; KTN; SLRR2B; CNA2; Keratocan

# **Application Instructions**

Application table	Application	Dilution
	WB	0.1 - 0.5 μg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

## **Properties**

Form Liquid

Purification Affinity purification with immunogen.

Buffer 0.9% NaCl, 0.2% Na2HPO4, 0.05% Sodium azide and 5% BSA.

Preservative 0.05% Sodium azide

Stabilizer 5% BSA

Concentration 0.5 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

#### Bioinformation

Gene Symbol KERA

Gene Full Name keratocan

Background 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).[provided

by RefSeq, May 2010]

Function May be important in developing and maintaining corneal transparency and for the structure of the

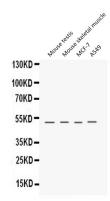
stromal matrix. [UniProt]

Calculated Mw 41 kDa

PTM Binds keratan sulfate chains. [UniProt]

Cellular Localization Secreted, extracellular space, extracellular matrix. [UniProt]

## **Images**



#### ARG59334 anti-Keratocan antibody WB image

Western blot: 40  $\mu g$  of Mouse testis, Mouse skeletal muscle, MCF-7 and A549 whole cell lysates stained with ARG59334 anti-Keratocan antibody at 0.5  $\mu g/ml$  dilution.