

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% Na ₂ HPO ₄ , 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 µg of Mouse testis, Mouse skeletal muscle, MCF-7 and A549 whole cell lysates stained with ARG59334 anti-Keratocan antibody at 0.5 µg/ml dilution.