

Kera antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13394

Product Information

Application	WB
Primary Accession	O35367
Other Accession	NM_008438 , NP_032464
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Goat, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Dog, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40404

Additional Information

Gene ID	16545
Alias Symbol	CNA2, SLRR2B
Other Names	Keratocan, KTN, Keratan sulfate proteoglycan keratocan, Kera, Ktcn
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Kera antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Kera antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

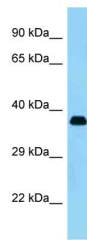
Name	Kera
Synonyms	Ktcn
Function	May be important in developing and maintaining corneal transparency and for the structure of the stromal matrix.
Cellular Location	Secreted, extracellular space, extracellular matrix
Tissue Location	Selectively expressed in cornea of adult where it is detected in keratocytes but not in scleral cells. In embryo, first detected in periocular mesenchymal cells migrating toward developing cornea on 13.5 dpc; expression gradually restricted to corneal stromal cells on 14.5 to 18.5 dpc. Detected in scleral cells

of 15.5 dpc but not in 18.5 dpc embryos

References

Dunlevy J.R., et al. Mamm. Genome 9:316-319(1998).
Liu C.-Y., et al. J. Biol. Chem. 273:22584-22588(1998).

Images



WB Suggested Anti-Kera Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Small Intestine

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.