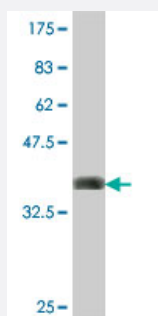


KERA polyclonal antibody (A01)

Catalog # H00011081-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant KERA.
Immunogen	KERA (NP_008966, 253 a.a. ~ 351 a.a) partial recombinant protein with GST tag.
Sequence	GLPSRGFDVSSILDQLSHNQLTKVPRISAHLQHLHLDHNNIKSVNVSVICPSPSMLPAERDSFSY GPHRLRYLRDLGNEIKPPIPMALMTCFRLQAVI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (86)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — KERA

Entrez GeneID [11081](#)

GeneBank Accession# [NM_007035](#)

Protein Accession# [NP_008966](#)

Gene Name KERA

Gene Alias CNA2, SLRR2B

Gene Description keratocan

Omim ID [217300 603288](#)

Gene Ontology [Hyperlink](#)

Gene Summary Keratan sulfate proteoglycans (KSPGs) are members of the small leucine-rich proteoglycan (SLRP) family. KSPGs, particularly keratocan, lumican (MIM 600616), and mimecan (MIM 602383), are important to the transparency of the cornea.[supplied by OMIM]

Other Designations cornea plana 2 (autosomal recessive)|keratocan proteoglycan

Publication Reference

- [Resistance of Corneal RFUVA-Cross-Linked Collagens and Small Leucine-Rich Proteoglycans to Degradation by Matrix Metalloproteinases.](#)

Zhang Y, Mao X, Schwend T, Littlechild S, Conrad GW.

Investigative Ophthalmology & Visual Science 2013 Feb; 54(2):1014.

Application: WB, Bovin, Enzyme

- [Effects of Ultraviolet-A and Riboflavin on the Interaction of Collagen and Proteoglycans during Corneal Cross-linking.](#)

Zhang Y, Conrad AH, Conrad GW.

The Journal of Biological Chemistry 2011 Apr; 286(15):13011.

Application: WB-Re, Recombinant protein