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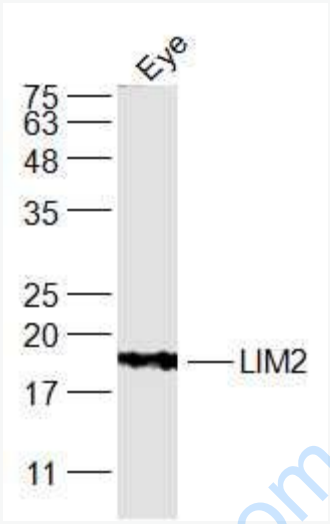
Rabbit Anti-LIM2 antibody

SL18272R

Product Name:	LIM2
Chinese Name:	晶状体纤维膜内在蛋白抗体
Alias:	Lens fiber membrane intrinsic protein; Lens intrinsic membrane protein 2 19kDa; Lens intrinsic membrane protein 2; LIM 2; Lim2; LMIP_HUMAN; MP17; MP18; MP19; MP20; To3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	19kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human LIM2:1-100/173<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes an eye lens-specific protein found at the junctions of lens fiber cells, where it may contribute to cell junctional organization. It acts as a receptor for calmodulin, and may play an important role in both lens development and cataractogenesis. Mutations in this gene have been associated with cataract formation.

	Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2009] **Function:** Present in the thicker 16-17 nm junctions of mammalian lens fiber cells, where it may contribute to cell junctional organization. Acts as a receptor for calmodulin. May play an important role in both lens development and cataractogenesis. **Subcellular Location:** Membrane. **Tissue Specificity:** Eye lens specific. **Similarity:** Belongs to the PMP-22/EMP/MP20 family. **SWISS:** P55344 **Gene ID:** 3982 **Database links:** Entrez Gene: 3982 Human Omim: 154045 Human SwissProt: P55344 Human Unigene: 162754 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:	 Sample: Eye (Mouse) Lysate at 40 ug Primary: Anti-LIM2 (SL18272R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 19 kD Observed band size: 19 kD