

Anti-Rim ABC protein [Rim 3F4] Standard Size Ab01563-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: Rim 3F4

Alternative Name(s) of Target: Retinal-specific ATP-binding cassette transporter

UniProt Accession Number of Target Protein: P78363

Published Application(s): IP, WB, ELISA, IF, IHC

Published Species Reactivity: Cow, *Xenopus laevis*, *Xenopus tropicalis*, Human, Mouse

Immunogen: Rim ABC protein.

Specificity: The antibody binds to human, mouse and bovine Rim ABC-transporter. The epitope has the following amino acid sequence: 'PLHPRTAGASR'

Application Notes: The antibody binds to Retinal specific ABC-transporter, which is localised at the outer segment disk of rod and cone cells. The linear epitope (PLHPRTAGASR) can be used as a protein tag.

Antibody First Published in: Illing et al. 1997 The 220-kDa rim protein of retinal rod outer segments is a member of the ABC transporter superfamily. *Journal of Biological Chemistry* 1997; 272(5)10303-10310.

[PMID:9092582](#)

Note on publication: Describes the identification of a 220-kDa rim protein and the generation of a monoclonal antibody against it.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.