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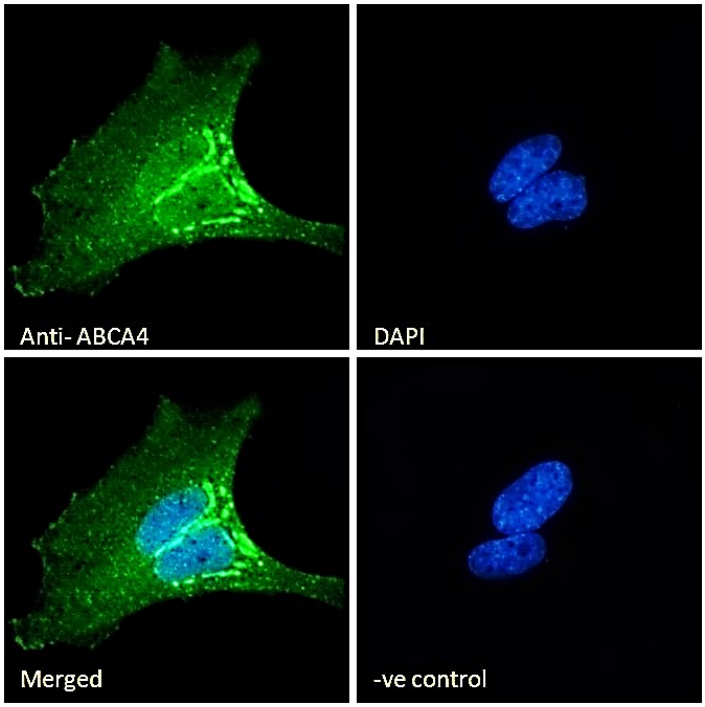
GOAT ANTI-ABCA4 ANTIBODY

SKU: EB08615



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	rim protein|retina-specific ABC transporter|ATP-binding transporter, retina-specific|ATP-binding cassette, sub-family A member 4|ATP binding cassette transporter|STGD1|STGD|RP19|RMP|FFM|DKFZp781N1972|CORD3|ARMD2|ABCR|ABC10|ATP-binding cassette, sub-family A (ABC1), member 4|ABCA4
Usage Summary	Immunofluorescence: Strong expression of the protein seen in the Endoplasmic Reticulum of MCF7 and HeLa cells. Recommended concentration: 10µg/ml. This antibody has been successfully used in IF on Mouse, PMID: 32371886.
Accession ID	NP_000341.2
Blocking Peptide	EBP08615

Immunogen	Peptide with sequence C-KQQTESHDLPLHPR, from the C Terminus of the protein sequence according to NP_000341.2.
Peptide Sequence	C-KQQTESHDLPLHPR
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Dog
Reactive Species	Human, Mouse
Human Gene ID	24
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Application Type	Pep-ELISA, IF

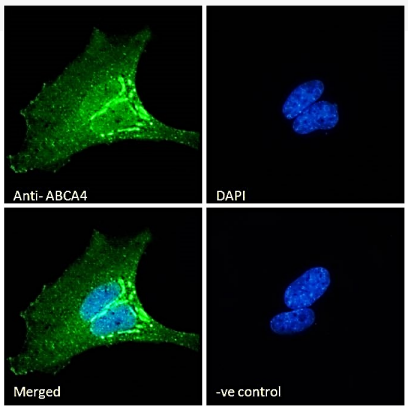
SELECTED REFERENCES

[{"pmid": 35348597, "intro": "**This antibody has been successfully used in the following paper:**", "title": "Assessing Variant Causality and Severity Using Retinal Pigment Epithelial Cells Derived from Stargardt Disease Patients.", "author": "Anna Matynia, Jun Wang, Sangbae Kim, Yumei Li, Anupama Dimashkie, Zhichun Jiang, Jane Hu, Samuel P. Strom, Roxana A. Radu, Rui Chen, and Michael B. Gorin", "journal": "Transl Vis Sci Technol. 2022 Mar 2;11(3):33."}, {"pmid": 32371886, "intro": "**This antibody has been successfully used in IF on Mouse:**", "title": "The F220C and F45L rhodopsin mutations identified in retinitis pigmentosa patients do not cause pathology in mice.", "author": "Tylor R Lewis, Camilla R Shores, Martha A Cady, Ying Hao, Vadim Y Arshavsky, Marie E Burns", "journal": "Sci Rep. 2020 May 5;10(1):7538."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES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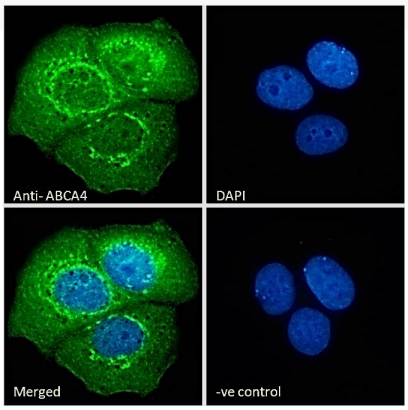
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