

Rabbit anti-Human Melanopsin Polyclonal Antibody | anti-OPN4 antibody

Melanopsin Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29066	Rabbit	Human	Western Blot, Immunofluorescence

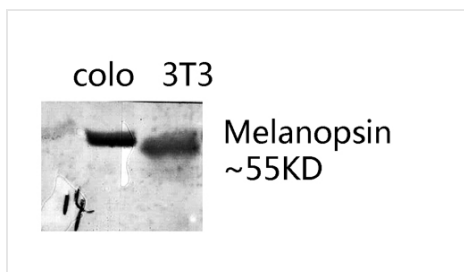
PRODUCT SYNONYMS

Melanopsin; Polyclonal Antibody; Melanopsin Polyclonal Antibody; OPN4; MOP; Opsin-4; anti-OPN4 antibody

PRODUCT SPECIFICATIONS

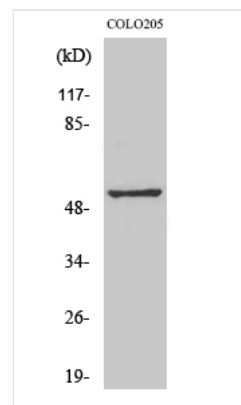
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-OPN4 antibody	WB (Western Blot), IF (Immunofluorescence)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



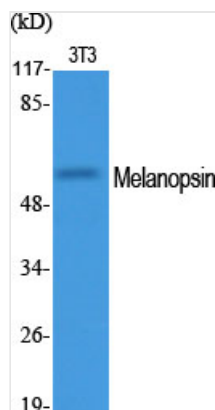
WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000.
Not yet tested in other applications.



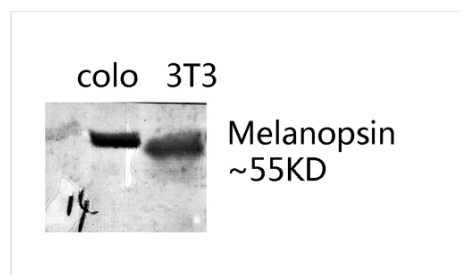
Application Data

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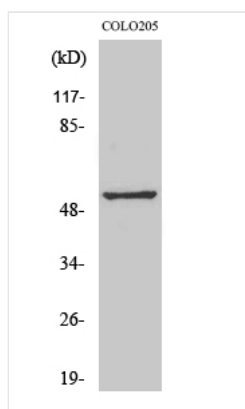
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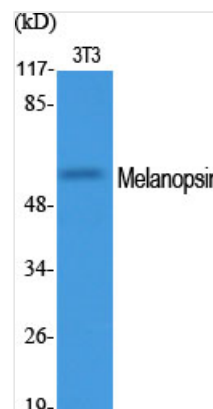
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ADDITIONAL INFORMATION

Related Product Information for anti-OPN4 antibody

Photoreceptor required for regulation of circadian rhythm. Contributes to pupillar reflex and other non-image forming responses to light. May be able to isomerize covalently bound all- trans retinal back to 11-cis retinal (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	71999143
NCBI GeneID	94233
NCBI Accession #	NP_001025186.1
NCBI GenBank Nucleotide #	NM_001030015.2
UniProt Accession #	Q9UHM6; Q14D01; Q2PP22; Q8NGQ9; B7ZLB3
Molecular Weight	52,635 Da
NCBI Official Full Name	melanopsin isoform 2
NCBI Official Synonym Full Names	opsin 4
NCBI Official Symbol	OPN4
NCBI Official Synonym Symbols	MOP
NCBI Protein Information	melanopsin; opsin-4
UniProt Protein Name	Melanopsin

UniProt Gene Name	OPN4
UniProt Synonym Gene Names	MOP
UniProt Entry Name	OPN4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/melanopsin-antibody-western-blot-immunofluorescence-elisa/29066>